

VITCAS®



Fire Cement
Heat Resistant Adhesives
Fireboards
High Temperature Sealants
Fireplace Render & Plaster System
Heatproof Mortars & Screed
Thermal Ropes, Tapes & Textiles
Fire Bricks
Wood Fired Bread & Pizza Ovens

VITCAS COMPANY PROFILE

Vitcas is a global manufacturer of finest quality refractory products and high temperature insulation materials, preserving Bristol's tradition of refractory and heat resistant manufacturing since 1882. Our products include a range of fire cement, firebricks, refractory setting mortars and screed, plastic mouldables and castables, zircon refractories, acid resistant cements, high temperature textiles such as lagging ropes and insulation jackets, and many more. These products can be utilised in a number of industries such as the petrochemical industry, aerospace, renewable & non-renewable energy, ceramics industry, metallurgical industry, sugar refineries and the glass industry.



HISTORY

Bristol has been a thriving centre for trade and commerce for many hundreds of years, exporting and importing with the British Commonwealth, Europe and the Americas. The exchange of goods is often accompanied by the exchange of ideas which in turn stimulate rapid innovation in all areas of economic activity. Fire cement is thought to have been first manufactured in Bristol in 1882. Furthermore, with the Industrial Revolution and the invention of the blast furnace, the demand for refractory materials has increased. Vitcas has maintained Bristol's long tradition, by being the international and transatlantic manufacturer and trader of high temperature resistant refractory products. Starting with the best of the traditional formulations and incorporating new discoveries and techniques where they offer improvements, we have developed a comprehensive range of refractory products including castables, mouldables, cements and mortars to meet the needs of modern industries.

QUALITY ASSURANCE

We set ourselves the highest standards throughout our business so that we consistently provide products that meet the needs of our customers. We engage closely with our customers so that we fully understand the performance they require and can provide the appropriate solution.

COST EFFECTIVENESS

We want to help you find the right solution for your project and that means working hard to minimise costs, of both production and transport, while maintaining the quality that will deliver the performance you need.

TIMELY DELIVERY & RELIABILITY

We understand that receiving the correct products on time can be critical for our customers, so we hold ourselves to the highest standards when it comes to timely delivery and reliability. We have worked hard to establish a comprehensive Quality Management System which has been certified as meeting the requirements of BS EN ISO 9001:2015. This commits us to a continuous process of improvement whereby we are always looking for ways to enhance our products so they continue to meet the needs for refractory and insulating materials in a wide range of industries and to increase the efficiency of our manufacturing processes while refusing to compromise on quality and reliability.

ENVIRONMENT

Vitcas is committed to minimising our impact on the environment. Through continuous improvement of our formulations and processes, we strive to reduce our use of raw materials and energy. Our product design and development also factors in how we can help our customers achieve their environmental targets with, for example, enhanced insulation materials which reduce their energy consumption. We have an established Environmental Management System which is accredited to BS EN ISO 14001:2015.



HEALTH & SAFETY

Many of our products are used to protect those working in high temperature environments, so health and safety considerations are always at the forefront of our thinking. We continually work to identify and mitigate risks to our employees, visitors, customers and the end users of our products with the aim of achieving an injury free environment. Our Health and Safety Management System is integral to our business policies and practices and is accredited to ISO 45001.



DISPLAY STAND
PACK-STAND - 1000 x 2050 x 500 mm



ISO 9001 APPROVED ISO 14001 APPROVED ISO 45001 APPROVED



FIRE CEMENTS



VITCAS® PREMIUM - FIRE CEMENT

Vitcas® Premium Fire Cement is a ready mixed putty-like material rated to 1250°C/2280°F. Excellent bonding properties with bricks, concrete and metal. For patching and repairing fire bricks, fireplaces, solid fuel ovens, range cookers, boilers and central heating systems. Colour: Buff / Grey

CODE	SIZE	UNIT PER CASE
PREMIUM-500G	500 g	24
PREMIUM-1KG	1 Kg	12
PREMIUM-2KG	2 Kg	6
PREMIUM-5KG	5 Kg	1
PREMIUM-25KG	25 Kg	1



VITCAS® PREMIUM BLACK - FIRE CEMENT

Vitcas® Premium Black Fire Cement is formulated specifically for patching and repairs to firebricks, fireplaces and solid fuel ovens where black colour is required to match the components. Excellent bonding properties with bricks, concrete and metal. Resistant to 1250°C/2280°F

CODE	SIZE	UNIT PER CASE
BLACK-500G	500 g	24
BLACK-1KG	1 Kg	12
BLACK-2KG	2 Kg	6
BLACK-5KG	5 Kg	1

PLASTER, RENDER & PLASTERBOARD SYSTEM



VITCAS® HRP - HEAT RESISTANT PLASTER

Vitcas® Heat Resistant Plaster is a high temperature smooth finishing coat for protection up to 650°C/1200°F. For use around the opening of cassette fireplaces (sometimes called hole in the wall fires) and adjacent to wood burning stoves and range cookers. Vitcas® Heat Resistant Plaster can be used in any high temperature area where a smooth decorative finish is required. The plaster should be used in conjunction with either Vitcas® Fireplace Render or Vitcas® High Temperature Plasterboards.

CODE	SIZE	UNIT PER CASE
VITCAS-HRP-10KG	10 Kg	1
VITCAS-HRP-20KG	20 Kg	1



VITCAS® FR - FIREPLACE RENDER

Vitcas® Fireplace Render is a prepared dry mix which provides a protective rendering for vulnerable materials which can be damaged by exposure to heat. For interior and exterior use protection up to 1400°C/2550°F; renders brick, stone, concrete and breeze block walls around fireplaces, stoves, boilers, range cookers etc. Fireplace render is used as a base coat for the Vitcas® Heat Resistant Plaster finishing coat.

CODE	SIZE	UNIT PER CASE
VITCAS-FR-10KG	10 Kg	1
VITCAS-FR-20KG	20 Kg	1



VITCAS® PVA - ADHESIVE SEALER

Vitcas® PVA adhesive sealer is a high viscosity emulsion primer to be used in conjunction with Vitcas® Heat Resistant Products especially Heat Resistant Tile Adhesive, Vitcas® Heat Resistant Plaster and Fireplace Render etc. Should be used neat onto bricks, masonry, concrete and especially onto porous materials like ceramic tiles prior to the application of Vitcas® Heat Resistant Materials while it is still tacky.

CODE	SIZE	UNIT PER CASE
VITCAS-PVA	1 L	6



VITCAS® HT - HIGH TEMPERATURE PLASTERBOARD

Vitcas® High Temperature Plasterboard is a decorative fireproof board which is not based on gypsum plaster. Vitcas® HT Plasterboard is used where ordinary gypsum boards or other fire rated boards are not appropriate and can be used with Vitcas® Heat Resistant Plaster. Non-flammable rating A1 non-combustible in accordance with EN 13501-1:2002. Fire resistant, waterproof, mould and mildew resistant. Environmentally friendly.

CODE	UNIT PER CASE
VITCAS-HT-BOARD	1

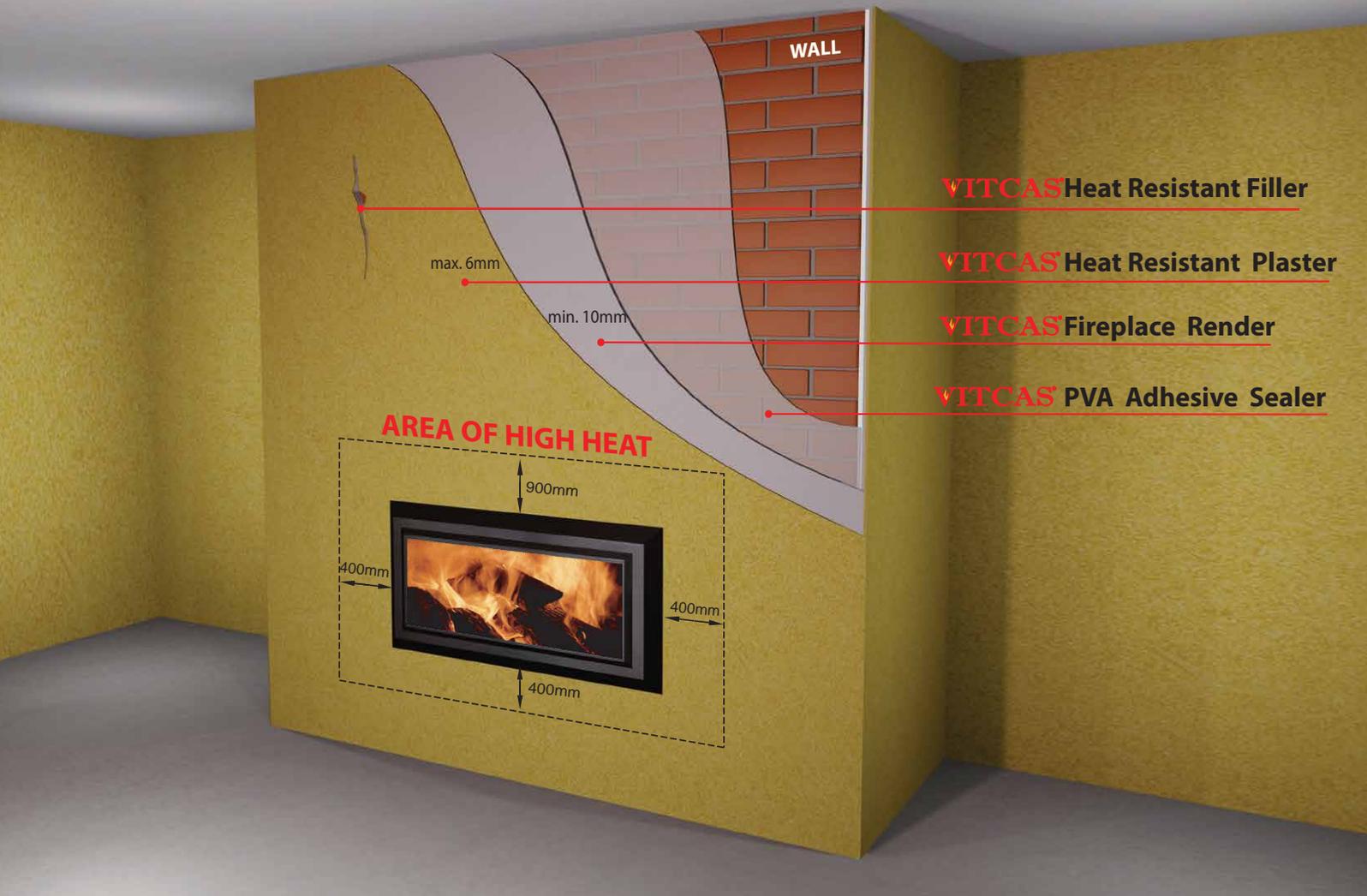


VITCAS® HIGH TEMPERATURE PLASTERBOARD SCRIM TAPE

High Temp Plasterboard Scrim Tape is a woven glass fibre mesh coated with acrylic resin. The tape is white in colour and self adhesive. Used for joints between High Temperature Plasterboards prior to skimming with Heat Resistant Plaster and joints between High Temperature Plasterboards and other surfaces.

CODE	SIZE	UNIT PER CASE
TAPE-SCRIM	50 mm	1

INSET / CASSETTE STOVE - Vitcas® Fireplace Render & Plaster System



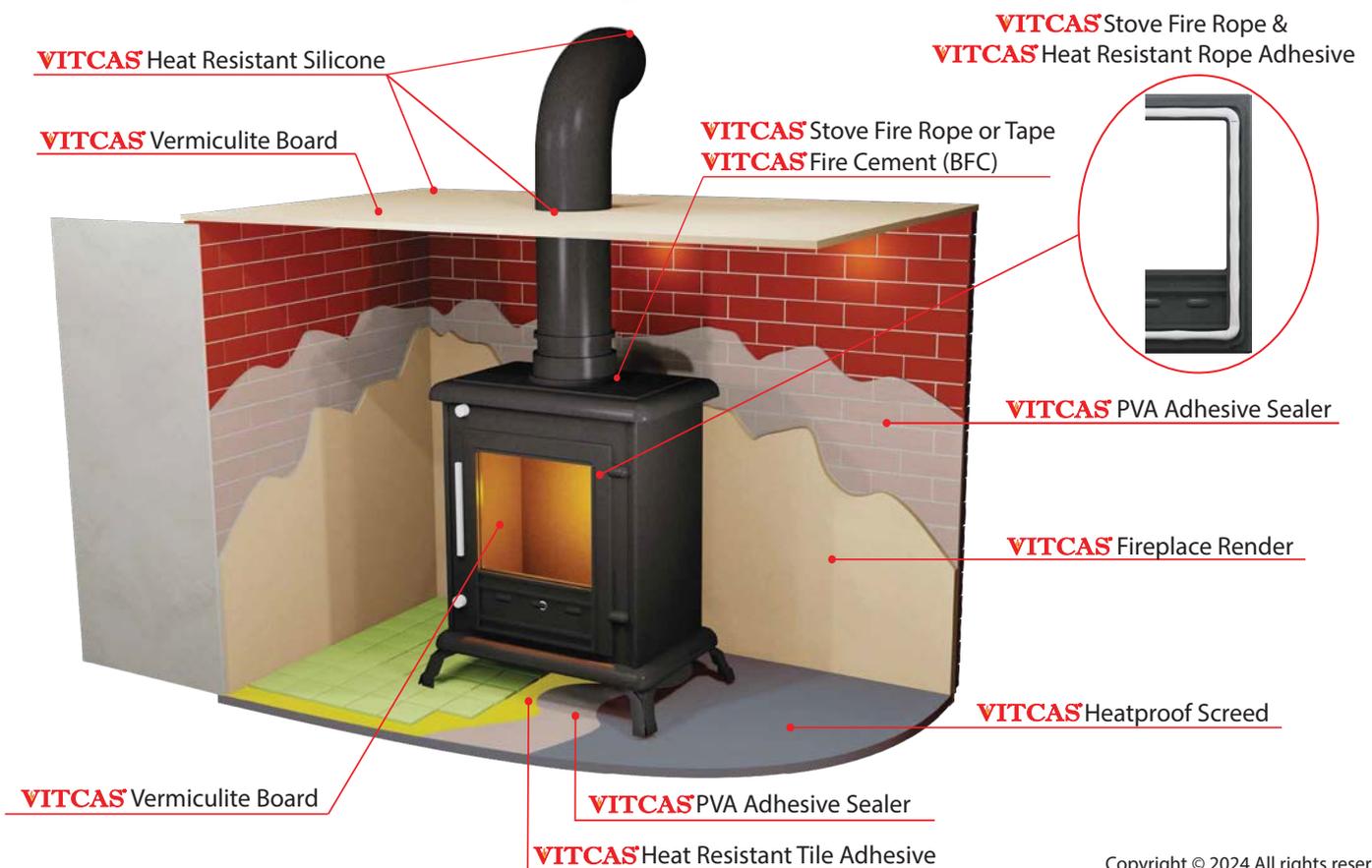
VITCAS Heat Resistant Filler

VITCAS Heat Resistant Plaster

VITCAS Fireplace Render

VITCAS PVA Adhesive Sealer

Freestanding Stove In Recess



VITCAS Heat Resistant Silicone

VITCAS Vermiculite Board

VITCAS Stove Fire Rope or Tape
VITCAS Fire Cement (BFC)

VITCAS Stove Fire Rope &
VITCAS Heat Resistant Rope Adhesive

VITCAS PVA Adhesive Sealer

VITCAS Fireplace Render

VITCAS Heatproof Screed

VITCAS Vermiculite Board

VITCAS PVA Adhesive Sealer

VITCAS Heat Resistant Tile Adhesive

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MORTARS & CEMENTS



VITCAS® HPM - HEATPROOF MORTAR

Vitcas® Heatproof Mortar is supplied in a wet consistency for laying fire bricks and attaching brick slips to the wall. Resistant to temperatures up to 1400°C/2550°F. Heatproof Mortar is intended for thin beds of approx 3mm with fire bricks around open fires, fire backs and for setting other fireclay based products. Adheres to bare metal and sets at room temperature.

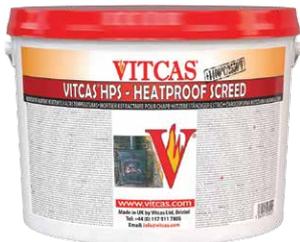
CODE	SIZE	UNIT PER CASE
VITCAS-HPM-10KG	10 Kg	1



VITCAS® MF - MOULDABLE FIREBRICK

Vitcas® Mouldable Firebrick is a fireclay based preparation with pre-fired refractory components for repairing or replacing firebricks in fireplaces, stoves and boilers. Suitable for in-situ repairs. Resistant to 1600°C/2910°F.

CODE	SIZE	UNIT PER CASE
VITCAS-MF-5KG	5 Kg	1



VITCAS® HPS - HEATPROOF SCREED

Vitcas® Heatproof Screed is a cementitious material for interior and exterior use for screeding masonry and making replacement bricks for fireplaces, barbecues and kilns. For use underneath open fires and at the back of cast iron fireplaces. Resistant to 1400°C/2550°F.

CODE	SIZE	UNIT PER CASE
VITCAS-HPS-10KG	10 Kg	1
VITCAS-HPS-20KG	20 Kg	1



VITCAS® OC - OUTDOOR OVEN CEMENT

Vitcas® Outdoor Oven Cement is a pre-mixed dry powder refractory mortar suitable for jointing fire bricks, jointing Vitcas® Sectional Wood Fired Outdoor Ovens and for general purpose exterior use with barbecues, pizza and bread ovens, fire pits and any other high temperature application. The material resists washing out when exposed to rain or frost and is resistant to 1200°C/2190°F.

CODE	SIZE	UNIT PER CASE
VITCAS-OC-10KG	10 Kg	1
VITCAS-OC-20KG	20 Kg	1



VITCAS® VIC - VERMICULITE INSULATING CEMENT

Classed as a non-combustible material for the purpose of the building regulations, Vermiculite Insulating Cement is ideal for any area where a low density, high insulation and non-combustible material is required. It is especially useful for filling the space between firebacks and fireplaces or behind Victorian Type cast-iron fireplaces. It can also be used underneath and over the top of outdoor pizza ovens and bread ovens. The material is not for use where abrasion resistance is required.

CODE	SIZE	UNIT PER CASE
VITCAS-VIC-7.5L	7.5 L	1
VITCAS-VIC-12.5L	12.5 L	1

CARTRIDGE SEALANTS



VITCAS® BFC - BLACK FIRE CEMENT

Vitcas® BFC is a high temperature black sealant which is resistant to 1250°C/2280°F. The sealant is used to seal the stove pipe to the stove, for small cracks and repairs to brickwork in fireplaces, heaters and boilers especially where the black colour is required to match the other components. It is also used to joint cast iron components in range cookers and stoves when they are being assembled from new or during refurbishment. The sealant adheres well to metal and ceramic components, setting hard with the heat.

CODE	SIZE	UNIT PER CASE
VITCAS-BFC-310ML	310 ml	12



VITCAS® FC - FLUE CEMENT

Vitcas® Flue Cement is a high temperature mortar paste designed for the safe installation of non-metallic flue liners. The flue cement is used to joint and seal clay flue liners in accordance with BS EN 1457 and concrete flue liners in accordance with BS EN 1857. The joints will be smoke tight, resistant to acidic flue gases and will withstand a maximum temperature of 1250°C/2280°F.

CODE	SIZE	UNIT PER CASE
VITCAS-FC-310ML	310 ml	12



VITCAS® HRS - HEAT RESISTANT SEALANT

Vitcas® Heat Resistant Sealant is a high temperature sealing and caulking paste for use in fixing and jointing as well as for fire protection. They withstand up temperatures to 1300°C/2370°F. For sealing or fixing ceramics, glass, metal and other silica based materials. It has good adhesion and gap filling properties to seal or joint these materials.

CODE	SIZE	UNIT PER CASE
VITCAS-HRS-310ML	310 ml	12



VITCAS® HR - HEAT RESISTANT SILICONE

Vitcas® Heat Resistant Silicone is a high temperature flexible sealant with excellent adhesion to most building materials. It has a maximum intermittent operating temperature of 315°C/600°F. Designed for joints in contact with high temperatures such as flues, stove pipes, ovens, automotive gaskets, stoves and boilers. It can be used around cooker hobs, ventilation hoods and to seal the glass in domestic cooker doors. In black colour.

CODE	SIZE	UNIT PER CASE
VITCAS-HR-SILICONE	310 ml	12



VITCAS® HRF - HEAT RESISTANT FILLER

Vitcas® Heat Resistant Filler can be used for small cracks around the chimney breast or on the joints between Vitcas® High Temperature Plasterboards. Ready mixed, air setting material. Sets faster when warm. Vitcas® Heat Resistant Filler can be sanded before painting. Resistant to 1000°C/1830°F.

CODE	SIZE	UNIT PER CASE
VITCAS-HRF-310ML	310 ml	12



VITCAS® IS - INTUMESCENT & ACOUSTIC SEALANT

Halogen free acrylic sealant that provides a 4 hour fire barrier (EI 240) combined with excellent sound damping properties. The sealant swells when subjected to temperatures >125°C/257°F and forms a charcoal barrier which resists the passage of smoke and fire. Ideal for sealing uneven gaps around pipework, door frames and window sills, as well as for sealing fire protection boards and partitioning where a fire rating is required. Not suitable for permanent water immersion. Complies to BS EN 1366 Part 4 which supersedes BS476 Part 20 for fire protection and to BS EN ISO 140-3:1995 for acoustics.

CODE	SIZE	UNIT PER CASE
VITCAS-IS-310ML	310 ml	12

TILE ADHESIVE & GROUT



VITCAS® HRTA - HEAT RESISTANT TILE ADHESIVE

Vitcas® Heat Resistant Tile Adhesive is a ready to use, wet adhesive for fixing tiles in any indoor high temperature situation. For fixing ceramic tiles, stone, marble and granite in areas subject to high temperatures, such as in fire surrounds, behind boilers, cookers and radiators. It is recommended to use this product in conjunction with Vitcas® PVA Adhesive Sealer. Resistant to 1000°C/1830°F.

CODE	SIZE	UNIT PER CASE
VITCAS-HRTA-310ML	310 ml	12
VITCAS-HRTA-5KG	5 Kg	1



VITCAS® HRG - HEAT RESISTANT TILE GROUT

For grouting tiles which have been fixed with Vitcas® Heat Resistant Tile Adhesive. Mix with water to a trowelling consistency and apply with a grouting float. Available in two colours: grey and white.

CODE	SIZE	UNIT PER CASE
VITCAS-HRG/W	2.5 Kg	1
VITCAS-HRG/G	2.5 Kg	1

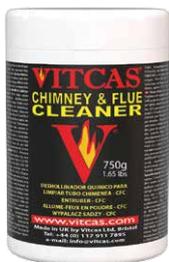
CLEANERS



VITCAS® STOVE GLASS CLEANER

Quickly and efficiently removes soot, grease, tar and burnt on marks from the glass surfaces of stoves and ovens. Spray onto a cold surface, leave for a few minutes and wipe off with a damp cloth. Repeat for stubborn stains.

CODE	SIZE	UNIT PER CASE
VITCAS-SG-CLEANER	650 ml	14



VITCAS® - CFC CHIMNEY & FLUE CLEANER

Vitcas® CFC Chimney and Flue Cleaner is an excellent cleaning product for eliminating creosote, soot and tar deposits from chimneys and flue linings. Can even be used on stainless steel flexible flue liners. Can prevent chimney fires.

CODE	SIZE	UNIT PER CASE
VITCAS-CFC	750 g	8

HEAT RESISTANT PAINTS



VITCAS® HEAT RESISTANT PAINT 800°C/1470°F

Vitcas® Heat Resistant Spray Paint for surfaces that are exposed to high temperatures up to 800°C/1470°F, suitable for application to bare metals and heat resistant boards.

The black spray paint can be used on gas fire coals. Also resistant to petrol, chemicals and weathering. Available in black, white, cream/beige, red and silver colour.

CODE	SIZE	UNIT PER CASE
V-PAINT/S/BLACK	400 ml	6
V-PAINT/S/SILVER	400 ml	6
V-PAINT/S/CREAM	400 ml	6
V-PAINT/S/RED	400 ml	6
V-PAINT/S/WHITE	400 ml	6

INSULATION BOARD - CONSTRUCTION SYSTEM



VITCAS® CS - FIREPLACE CONSTRUCTION BOARD

Vitcas® Fireplace Construction Boards have high thermal resistance, good thermal insulation and mechanical stability. The boards are rigid and self supporting and are used to construct fireplaces and tiled stoves without additional frame work, where there is no pre-existing chimney breast or around cassette stoves.

Fireplace boards are easy to work and can be fixed with screws. The edges of the board can be treated with Vitcas® BP Board Primer and sealed together with Vitcas® BA Board Adhesive 1350°C/ 2460°F. It can be finished off by sealing with Vitcas® BP Board Primer and skimming with Vitcas® HB60 and Vitcas® HRP Heat Resistant Plaster. Resistant to 1000°C/1830°F.
Size: 1000x610x30mm

CODE	UNIT PER CASE
V-BOARD-CS	1

VITCAS® BP - BOARD PRIMER

Vitcas® BP - Board Primer- primes and hardens the surface of boards. To be used prior to the application of board adhesive on fireplace construction boards.

CODE	SIZE	UNIT PER CASE
V-BOARD/PRIMER	1 L	6

VERMICULITE BOARDS



VITCAS® VERMICULITE INSULATION BOARD

Vermiculite Fireproof Insulation Board is used as a heat shield, register plate or instead of firebricks in wood burning and multi fuel stoves. With a low thermal conductivity the board is easy to cut, drill and shape with woodworking tools. The board can be used to protect kitchen appliances from heat and also behind a consumer unit to mount the unit onto the wall (electric box). Heat resistant to 1100°C/2010°F.

Size: 1000x610x25mm

CODE	UNIT PER CASE
VERM-BD/1000X25	1

VITCAS® VERMICULITE BOARD - BRICK EFFECT

Vermiculite Fireproof Insulation board with a brick pattern on the face of the board. Heat resistant to 1100°C/2010°F.

Size: 1000x610x25mm

CODE	UNIT PER CASE
VERM-BD/BRICK	1

FIRE RESISTANT INSULATION FIXING



VITCAS® INSULATION FIXING - PACK

Vitcas® Fireproof Insulation Fixings Pack for installing Vitcas® Vermiculite Boards or Vitcas® CS Fireplace Construction Board to masonry.

Size: 80 overall length, 35mm diameter head and 8mm diameter shank.

CODE	UNIT PER CASE
TL/INSFIX/4	4
TL/INSFIX/6	6

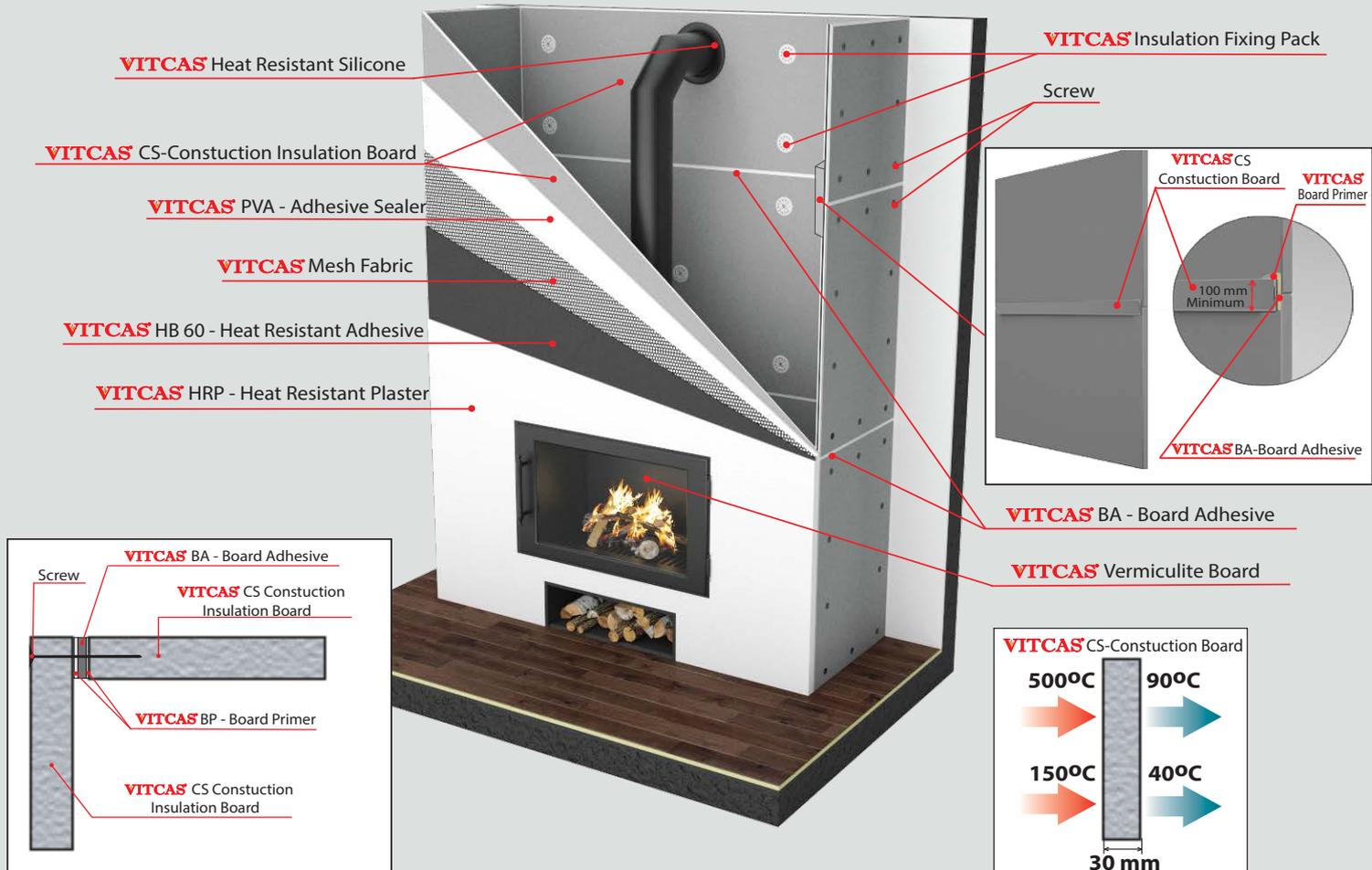


VITCAS® BA - BOARD ADHESIVE

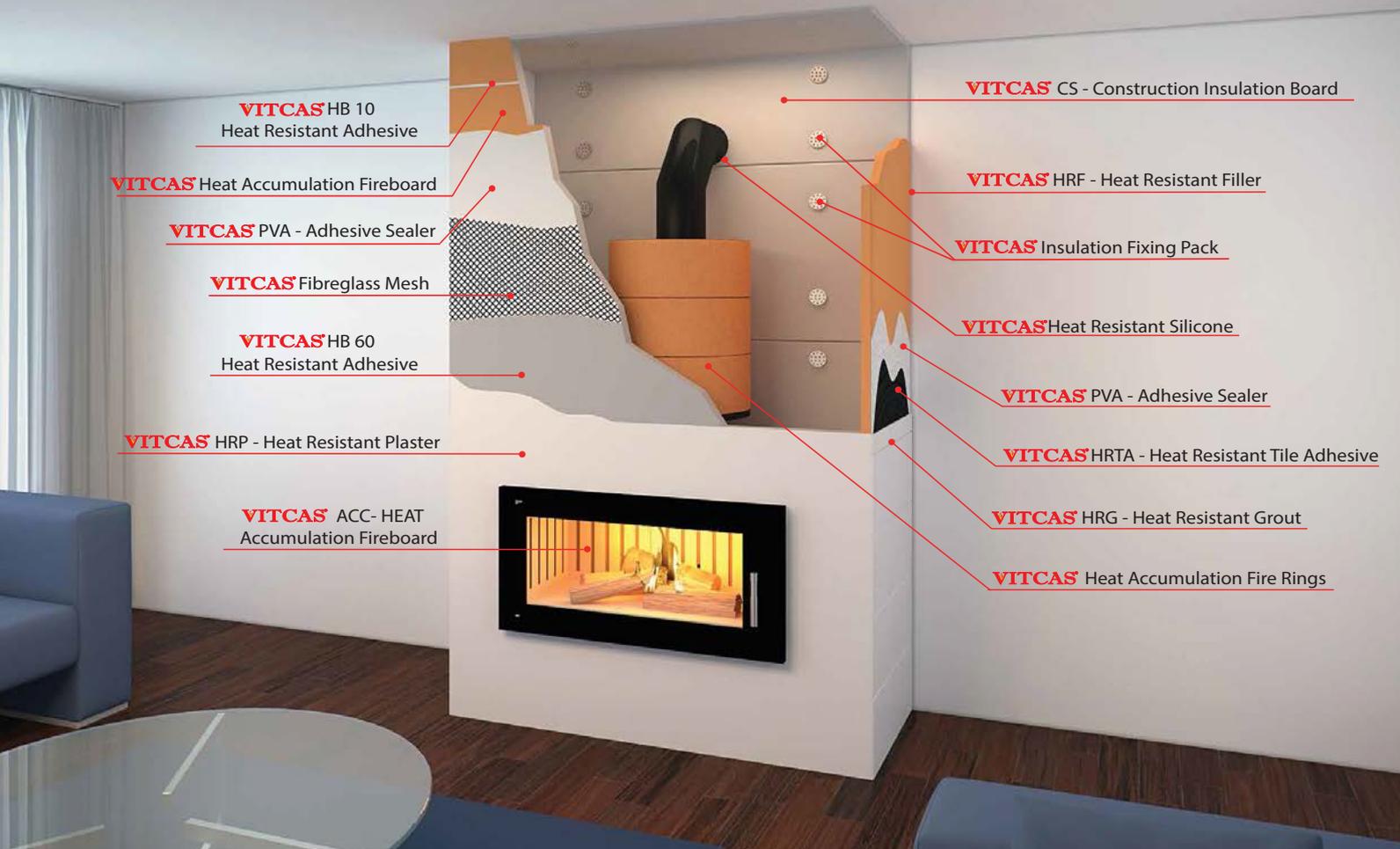
High temperature adhesive for use with insulation boards, vermiculite boards, high temperature plasterboards and fireplace construction boards. Primarily for the joints between boards. The adhesive can be used to fix boards to brickwork and blockwork, as long as the wall is flat and the gap does not exceed 5mm. Otherwise Vitcas® HB60 can be used. Heat resistant to 1350°C/2460°F

CODE	SIZE	UNIT PER CASE
VITCAS-BA-310ML	310 ml	12
VITCAS-BA-5KG	5 Kg	1

INSET / CASSETTE STOVE - CONSTRUCTION SYSTEM



HEAT ACCUMULATION SYSTEM



HEAT ACCUMULATION & STORAGE MATERIALS

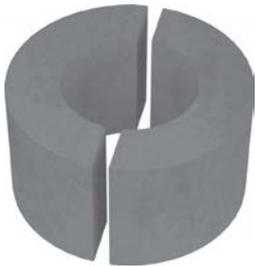


VITCAS® ACC - HEAT ACCUMULATION FIREBOARD

High density ceramic fireboards for heat accumulation and storage. Vitcas® Heat Accumulation Fireboards can be used around fireplaces and stoves. Fireboards can eliminate overheating in the room, returning the heat gradually over time. Easy to install. Environmentally friendly.

Size : 1000 x 500 mm, 700 x 400 mm

CODE	UNIT PER CASE
ACC-BD/1000X500	1
ACC-BD/700X400	1



VITCAS® ACC RING - HEAT ACCUMULATION FIRE RINGS

High density ceramic rings for mounting on the top of stoves and around flues in order to accumulate the heat and return it back to the room. Safe and easy way to lower heating costs.

Size: 220 x 200 x 380 mm

CODE	UNIT PER CASE
ACC-RING/220X200	1



VITCAS® MESH FABRIC

Glass fibre mesh coated with acrylic resin which has excellent water resistance, alkali resistance, flexibility and resistance to aging. Mesh fabric is available as a roll of material or as a tape especially as a support for HB60 or Heat Resistant Plaster. Examples of Application: Roofing, support / reinforcement for insulation finishing systems, plaster scrim etc. Size: 5 x 5 mm width 1M

CODE	UNIT PER CASE
S-G/MESH	1



VITCAS® HB10 - RAPID SETTING HEAT RESISTANT ADHESIVE

Vitcas® HB10 is a rapid setting hydraulic bonded, heat resistant adhesive for use in fireplaces, stoves, tiled stoves and heat storage construction in both indoor and outdoor applications. Perfect for joining prefabricated elements or single tiles. Suitable for joining external constructions with or without air gaps. Minimal setting time makes it easier to use. Heat resistant adhesive Vitcas® HB10 has high heat accumulation properties – especially recommended for joining fireplace elements which hold and then return the heat. Ideal for loading onto the tiles thickly.

CODE	SIZE	UNIT PER CASE
VITCAS-HB10-10KG	10 Kg	1
VITCAS-HB10-20KG	20 Kg	1



VITCAS® HB60 - HEAT RESISTANT ADHESIVE

Vitcas® HB60 is a heat resistant adhesive designed for use in the construction of stoves, pizza ovens, tiled stoves and joining outdoor constructions, such as grills and fireplaces. It has a longer setting time which makes it easy to use and gives time to match elements. Perfect to render over the mesh used on construction boards before the application of Vitcas® Heat Resistant Plaster. Ideal for use as a 'dot and dab' type adhesive with high temperature plasterboards, vermiculite boards and fireplace construction boards where the surface is not particularly flat. Heat-resistant to 750°C/1380°F.

CODE	SIZE	UNIT PER CASE
VITCAS-HB60-10KG	10 Kg	1
VITCAS-HB60-20KG	20 Kg	1

VERMICULITE



VITCAS® VERMICULITE LOOSE INSULATION

Vermiculite is a naturally occurring material which is resistant up to 1100°C/2010°F for insulation behind firebacks, chimney lining, pipe insulation, thermal and acoustic insulation, around stoves and pizza oven. Non-flammable with low thermal conductivity.

CODE	SIZE	UNIT PER CASE
VERM-LOOSE/LG	100 L	1



VITCAS® VERMICULITE GAS EMBER PACK

Replacement Vermiculite Gas Ember Pack. Spread directly over the burner tray for improved energy efficiency. Non-flammable with low thermal conductivity. Resistant to 1100°C/2010°F.

CODE	SIZE	UNIT PER CASE
VERM-EMBER-PACK	200 g	1

FIREBACKS & LINTELS



VITCAS® HEAT RESISTANT CONCRETE FIREBACKS

Vitcas® Heat Resistant Concrete Fire backs for Fireplaces. Single piece refractory firebacks for use with traditional open fires. Conforming to BS 1251: 1987 and to be used in conjunction with the throat forming lintels. Available in two sizes 16" and 18". Any open space behind the fireback should be filled with Vitcas® Vermiculite Insulating Cement.

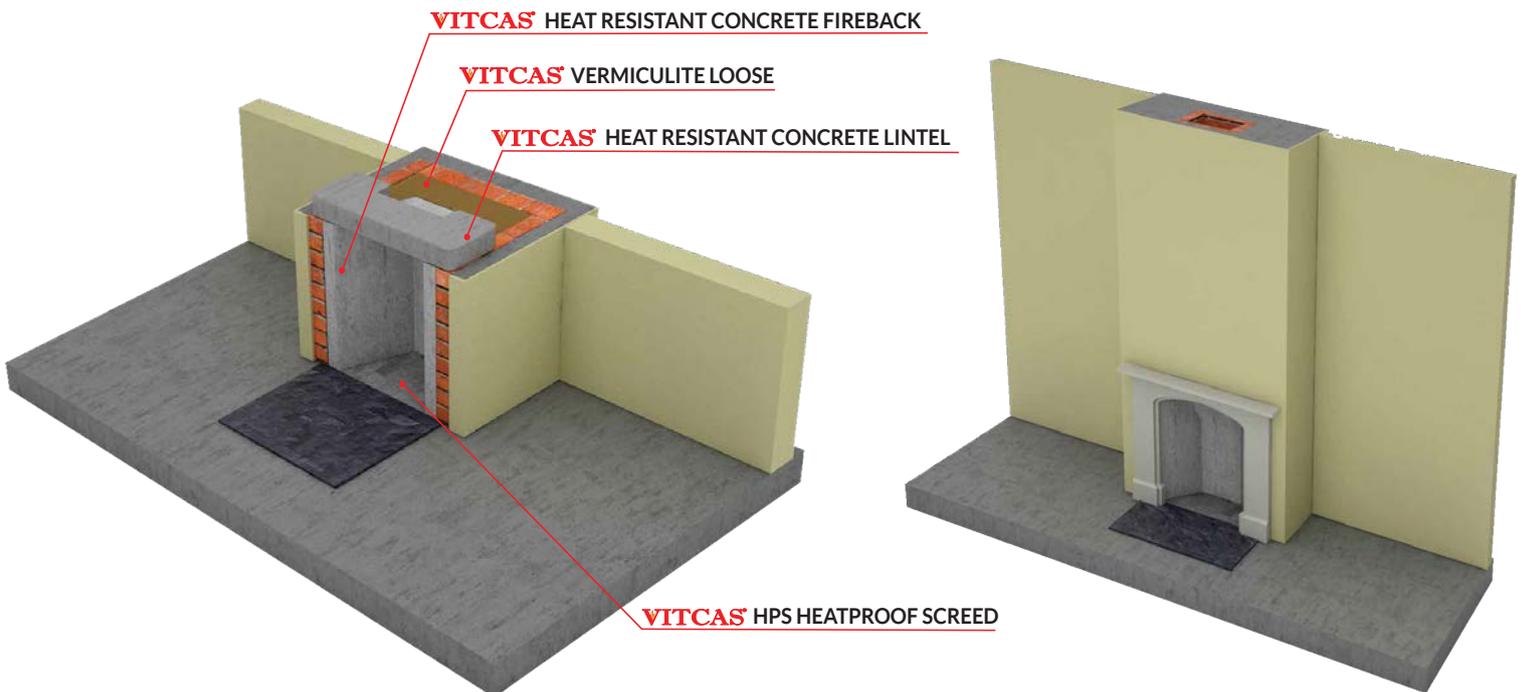
CODE	SIZE	UNIT PER CASE
PRE-CAST-FIREBACK-16	16" (400mm)	1
PRE-CAST-FIREBACK-18	18" (450mm)	1



VITCAS® HEAT RESISTANT CONCRETE LINTELS

Heat resistant concrete throat forming lintel for use with the Vitcas heat resistant concrete firebacks.

CODE	SIZE	UNIT PER CASE
PRE-CAST-LINTEL-16	16" (400mm)	1
PRE-CAST-LINTEL-18	18" (450mm)	1



CENTRAL HEATING WATER TREATMENT & PLUMBING



VITCAS® SYSTEM INHIBITOR

Central Heating System Inhibitor is a multi-purpose treatment, specially designed to protect the entire central heating system from scale, sludge and corrosion. Compatible with plastic and glass-fibre header-tanks and with all metals used in central heating systems which includes iron, steel, brass, copper and aluminium. System Inhibitor is also suitable for micro-bore systems constructed from plastic pipes.

CODE	SIZE	UNIT PER CASE
WT-INHIBITOR-1L	1 L	12
WT-INHIBITOR-310ML	310 ml	5



VITCAS® SYSTEM CLEANER

Vitcas® Central Heating System Cleaner will remove commissioning and flux residues from new systems and restore circulation to old systems which suffer from sludge. System Cleaner should also be used when components are replaced or existing systems are extended. System Cleaner is compatible with plastic tanks, micro-bore and all metals (including aluminium) used in central heating systems.

CODE	SIZE	UNIT PER CASE
WT-CLEANER-1L	1 L	12
WT-CLEANER-310ML	310 ml	5



VITCAS® LEAK SEALER

Vitcas® Central Heating Leak Sealer seals inaccessible leaks and weeping joints in central heating systems. Vitcas® Leak Sealer is compatible with plastic tanks, micro bore and all metals including aluminium used in central heating systems.

CODE	SIZE	UNIT PER CASE
WT-LEAKSEALER-1L	1 L	12
WT-LEAKSEALER-310ML	310 ml	5



VITCAS® BOILER NOISE SILENCER

Vitcas® Central Heating Boiler Noise Silencer is a non-acid boiler descaler which stays in the system for life; no need to flush. Noise Silencer is compatible with plastic tanks, microbore and all metals (including aluminium) used in central heating systems. Vitcas® Boiler Noise Silencer will remove scale and baked on sludge deposits and prevent them from reforming, thus restoring heating efficiency while reducing the noise and extending the life of the boiler.

CODE	SIZE	UNIT PER CASE
WT-SILENCER-1L	1 L	12
WT-SILENCER-310ML	310 ml	5



VITCAS® PTFE LIQUID - ANAEROBIC PIPE THREAD SEALANT

Vitcas® Liquid PTFE is an anaerobic single component product suitable to seal metal threaded joints. The product provides instant low-pressure sealing and cures spontaneously and rapidly when confined in absence of air between close metal surfaces. Cured compound is solvent and water resistant and can withstand temperatures to 150°C/302°F. The low mechanical strength allows disassembling with hand tools.

CODE	SIZE	UNIT PER CASE
WT-PTFE-LIQUID-50G	50 ml	12



VITCAS® WPJC - WHITE PIPE JOINTING COMPOUND

Vitcas® White Pipe Jointing Compound is a non-hardening material for sealing pipe threads in plumbing. Designed for use with hot and cold water, natural gas, LPG and low pressure steam up to 7 bar pressure and temperatures up to 200°C/392°F. Conforms to BS EN 751-2 :1997 to BS6956 Part 5: 1992 - will not cause corrosion of aluminum, brass, copper, low carbon steel and zinc surfaces.

CODE	SIZE	UNIT PER CASE
WPJC-400G	400 g	24

FIRE BRICKS - PACKS



VITCAS® COLOURED FIRE BRICKS - PACK

Decorative coloured fire bricks for use in indoor & outdoor wood fired bread/ pizza ovens, barbeques, fire pits & fireplaces. Resistant to 1200°C/2190°F. Available in charcoal black, red, earthy brown and off white.

CODE	SIZE	UNIT PER CASE
FB-BLACK/PACK	220x110x30mm	6



VITCAS® FIRE BRICKS - PACK

Vitcas® Firebricks are specially made high temperature dense clay bricks for use in domestic applications like fireplaces, circulators, stoves, barbecue grills, pizza ovens, furnaces and inserts. Rated to 1300°C/2370°F.

CODE	SIZE	UNIT PER CASE
FB40/32MM/PACK	230x114x32mm	6

FIRE BRICKS



VITCAS® FIRE BRICKS

Vitcas® Refractory Fire Clay Bricks are specially made high temperature bricks for use in domestic applications like fireplaces, circulators, stoves, barbecue grills, indoor and outdoor pizza ovens, furnaces and inserts.

CODE	SIZE	UNIT PER CASE
FB40/64MM	230x114x64mm	1
FB40/32MM	230x114x32mm	1



VITCAS® FIRE BRICKS - BLACK

Vitcas® decorative fire bricks with smooth surface for use in barbeques, pizza ovens and fireplaces, both indoors and outdoors.

CODE	SIZE	UNIT PER CASE
FB-BLACK	220x110x30mm	1



VITCAS® FIRE BRICKS - BROWN

Vitcas® decorative fire bricks with smooth surface for use in barbeques, pizza ovens and fireplaces, both indoors and outdoors.

CODE	SIZE	UNIT PER CASE
FB-BROWN/30	220X110x30mm	1
FB-BROWN/50X40	220X50X40mm	1
FB-BROWN/L	220X100X55mm	1



VITCAS® FIRE BRICKS - RED

Vitcas® decorative fire bricks with smooth surface for use in barbeques, pizza ovens and fireplaces both indoors and outdoors.

CODE	SIZE	UNIT PER CASE
FB-RED/30	220X110x30mm	1
FB-RED/50X40	220X50X40mm	1
FB-RED/L	220X100X55mm	1



VITCAS® FIRE BRICKS - WHITE

Vitcas® decorative fire bricks with smooth surface for use in barbeques, pizza ovens and fireplaces both indoors and outdoors.

CODE	SIZE	UNIT PER CASE
FB-WHITE/30	220X110x30mm	1
FB-WHITE/50X40	220X50X40mm	1
FB-WHITE/L	220X100X55mm	1



VITCAS® FIRE BRICKS - YELLOW

Vitcas® decorative fire bricks with smooth surface for use in barbeques, pizza ovens and fireplaces both indoors and outdoors.

CODE	SIZE	UNIT PER CASE
FB-YELLOW/50X40	220X50X40mm	1
FB-YELLOW/L	220X100X55mm	1

TRADITIONAL WOOD-FIRED BREAD & PIZZAS OVEN



Vitcas® Wood-Fired Ovens are made in sections from a high quality refractory material.



CODE
OVEN-CASA

VITCAS® CASA PIZZA OVEN

External Size: 670mm x 550mm x 520mm
Internal Size: 600mm x 370mm x 400mm



CODE
OVEN-DOUBLE

VITCAS® DOUBLE CASA PIZZA OVEN

External Size: 670mm x 1010mm x 520mm
Internal Size: 600mm x 860mm x 520mm

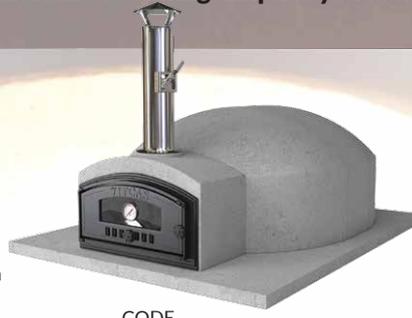
Vitcas® Wood-Fired Pompeii Series Ovens are manufactured from a high quality refractory material with four size options while retaining simplicity of construction.



CODE
OVEN-POMPEII

VITCAS® POMPEII - 80 PIZZA OVEN

External Size: 1000mm x 1120mm x 440mm
Internal Size: 800mm x 800mm x 400mm



CODE
OVEN-P-100

VITCAS® POMPEII-100 PIZZA OVEN

External Size: 1000mm x 1320mm x 440mm
Internal Size: 800mm x 1000mm x 400mm



CODE
OVEN-P-120

VITCAS® POMPEII-120 PIZZA OVEN

External Size: 1000mm x 1520mm x 440mm
Internal Size: 800mm x 1200mm x 400mm



CODE
OVEN-P-140

VITCAS® POMPEII-140 PIZZA OVEN

External Size: 1000mm x 1720mm x 440mm
Internal Size: 800mm x 1400mm x 400mm

Vitcas® Wood-Fired Brick Ovens are manufactured from high quality refractory cement and special fireclay bricks covered with an insulating material. Available in two sizes: Brick-S and Brick-L.



CODE
OVEN-BRICK-S

VITCAS® BRICK-S PIZZA OVEN

External Size: 750mm x 900mm x 500mm
Internal Size: 600mm x 600mm x 350mm



CODE
OVEN-BRICK-L

VITCAS® BRICK-L PIZZA OVEN

External Size: 1250mm x 1360mm x 650mm
Internal Size: 1000mm x 1000mm x 500mm

Building Your Own Wood Fired Outdoor Bread Oven

Having a wood fired oven in your garden makes a great talking point and a good reason to invite friends around. If you want to join in with the experience, you can buy complete ovens, build one from scratch or opt for the best of both worlds by incorporating specialist parts into your own design.

Using purpose made firebricks and other refractory materials from Vitcas that are designed to withstand high temperatures will result in a more efficient and long lasting oven than using ordinary masonry products.

TRADITIONAL WOOD-FIRED BREAD & PIZZAS OVEN



OVEN ARCH SECTION



CODE
OVEN-ARCH

Component for building your own wood fired bread or pizza oven in conjunction with fire bricks.

Made from high quality refractory material.

The oven cast section is the same size at each end as the Vitcas 64mm fire bricks and the radius of the arc is 400mm

OVEN ARCH DOOR SECTION



CODE
OVEN-ARCH/D

Component for building your own wood fired bread or pizza oven in conjunction with fire bricks.

Made from high quality refractory material.

The oven cast section is the same size at each end as the Vitcas 64mm fire bricks and the radius of the arc is 400mm. The arch closes in on one side to match with the VITCAS cast iron doors.

ACCESSORIES



Metal Chimney Cowl



Stainless Steel Parts



Pizza & Bread Oven Door with Heat Resistant Glass & Thermometer 500°C/932°F



Vitcas® Heat Resistant Gloves for Pizza Oven, Stoves, Fires, BBQ



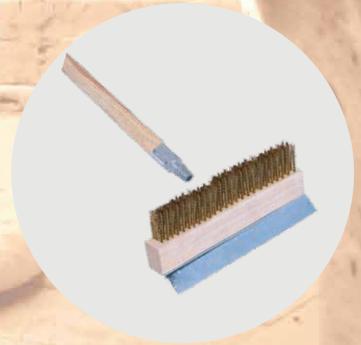
Vitcas® Pizza & Bread Oven Probe Thermometer 500°C/932°F



Oven Freestanding Thermometer 500°C/932°F



Door Pizza & Bread Oven Thermometer 500°C/932°F



Pizza Oven Brush/Scraper Vitcas®



Pizza & Bread Oven Peel



Wooden Pizza Oven Peel Vitcas®



Pizza Oven Tapered Pan



Pizza Oven-Square Pan 10"

ROPE ADHESIVE



VITCAS® RA - ROPE SEAL ADHESIVE

Vitcas® Rope Seal Adhesive is a high temperature adhesive that withstands very high temperatures and is used to secure thermal rope/tape and ceramic fibre seal to oven, stove and boiler doors. It is ideal for fixing fibre rope seals to heater doors; specifically: stoves/wood burners, boilers and range cookers. Resistant to 800°C /1560°F.

CODE	SIZE	UNIT PER CASE
V-RA-WHITE/30	30 ml	30
V-RA-WHITE/125	125 ml	12
V-RA-BLACK/30	30 ml	30
V-RA-BLACK/125	125 ml	12

Available in two colours: White and Black

PACKS & KITS



VITCAS® STOVE FIRE ROPE PACK - WHITE

Stove Fire Rope is used for sealing, gasketing and jointing purposes. The most common uses are to seal around the inside of stove doors and to join the flue systems to appliances. 2 metre length. Resistant to 550°C/1020°F.

CODE	SIZE	UNIT PER CASE
S-G/RS/W6-PK	6 mm	24
S-G/RS/W8-PK	8 mm	24
S-G/RS/W10-PK	10 mm	24
S-G/RS/W12-PK	12 mm	24
S-G/RS/W15-PK	15 mm	24



VITCAS® STOVE ROPE REPLACEMENT KIT - WHITE

Stove Fire Rope is used for sealing, gasketing and jointing purposes. The most common uses are to seal around the inside of stove doors and to join the flue systems to appliances. Resistant to 550°C/1020°F.

CODE	SIZE	UNIT PER CASE
S-G/RS/W6-KIT	6 mm	24
S-G/RS/W8-KIT	8 mm	24
S-G/RS/W10-KIT	10 mm	24
S-G/RS/W12-KIT	12 mm	24

Contains 2 metres of fire rope, Vitcas® Rope Adhesive and protective gloves.



VITCAS® STOVE FIRE ROPE PACK - BLACK

Stove Fire Rope is used for sealing, gasketing and jointing purposes. The most common uses are to seal around the inside of stove doors and to join the flue systems to appliances. 2 metre length. Resistant to 550°C/1020°F.

CODE	SIZE	UNIT PER CASE
S-G/RS/B6-PK	6 mm	24
S-G/RS/B8-PK	8 mm	24
S-G/RS/B10-PK	10 mm	24
S-G/RS/B12-PK	12 mm	24



VITCAS® STOVE ROPE REPLACEMENT KIT - BLACK

Stove Fire Rope is used for sealing, gasketing and jointing purposes. The most common uses are to seal around the inside of stove doors and to join the flue systems to appliances. Resistant to 550°C/1020°F.

CODE	SIZE	UNIT PER CASE
S-G/RS/B6-KIT	6 mm	24
S-G/RS/B8-KIT	8 mm	24
S-G/RS/B10-KIT	10 mm	24
S-G/RS/B12-KIT	12 mm	24

Contains 2 metres of fire rope, Vitcas® Rope Adhesive and protective gloves.

PACKS & KITS



VITCAS® SELF ADHESIVE STOVE TAPE WHITE - PACK

Used as a gasket to seal stove glass windows in stove doors and openings. Contains 2 metres of self adhesive stove glass tape. Resistant to 550°C/1020°F.

CODE	SIZE	UNIT PER CASE
S-G/TA/WA15X2-PK	15mm x 2mm	24
S-G/TA/WA25X2-PK	25mm x 2mm	24



VITCAS® SELF ADHESIVE STOVE TAPE BLACK - PACK

Used as a gasket to seal stove glass windows in stove doors and openings. Contains 2 metres of self adhesive stove glass tape. Resistant to 550°C/1020°F.

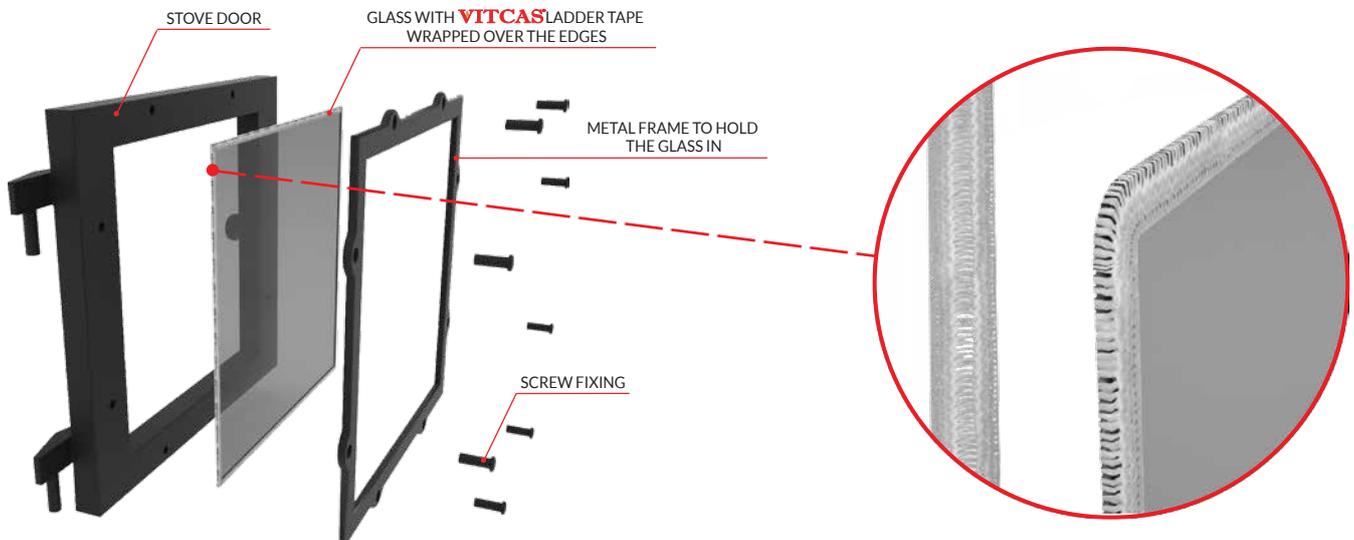
CODE	SIZE	UNIT PER CASE
S-G/TA/BA10X2-PK	10mm x 2mm	24
S-G/TA/BA15X2-PK	15mm x 2mm	24



VITCAS® GLASS LADDER TAPE - PACK

Ladder Tape - White - 2 metres. Thermal ladder tape is used to secure around stove glass. Usually used when the stove glass is sandwiched between the front door and back plate. The thermal ladder tape fits around the edge of the glass to provide a seal to prevent smoke escaping from the fire. Resistant to 550°C/1020°F.

CODE	SIZE	UNIT PER CASE
S-G/TAL/25X2-PK	25mm x 3mm	24



GLASS FIBRE ROPES



VITCAS® FIRE ROPE SEALS - SOFT WHITE

Vitcas® Soft Rope is manufactured from textured glass fibre yarn which is knitted and used for sealing and jointing purposes where a temperature resistance is required. It is commonly used when jointing flue systems to the appliance and also as a seal around the inside of stove doors. Rated to 550°C/1020°F. To be used with Vitcas® Rope Adhesive.

CODE	SIZE	METRES PER ROLL
S-G/RS/W6	6mm	50
S-G/RS/W8	8mm	50
S-G/RS/W10	10mm	50
S-G/RS/W12	12mm	50
S-G/RS/W15	15mm	50
S-G/RS/W20	20mm	50
S-G/RS/W25	25mm	50



VITCAS® FIRE ROPE SEALS - SOFT BLACK

Vitcas® Soft Rope is manufactured from textured glass fibre yarn which is knitted and used for sealing and jointing purposes where a temperature resistance is required. It is commonly used when jointing flue systems to the appliance and also as a seal around the inside of stove doors. Rated to 550°C/1020°F. To be used with Vitcas® Rope Adhesive.

CODE	SIZE	METRES PER ROLL
S-G/RS/B6	6mm	50
S-G/RS/B8	8mm	50
S-G/RS/B10	10mm	50
S-G/RS/B12	12mm	50



VITCAS® FIRE ROPE SEALS - FIRM WHITE

Vitcas® Firm Rope is manufactured from textured glass fibre yarn which is braided and used for sealing and jointing purposes where a temperature resistance is required. It is commonly used when jointing flue systems to the appliance and also as a seal around the inside of stove doors. Rated to 550°C/1020°F. To be used with Vitcas® Rope Adhesive.

CODE	SIZE	METRES PER ROLL
S-G/RH/W3	3mm	50
S-G/RH/W6	6mm	50
S-G/RH/W8	8mm	50
S-G/RH/W10	10mm	50
S-G/RH/W12	12mm	50
S-G/RS/W15	15mm	50
S-G/RS/W20	20mm	50



VITCAS® FIRE ROPE SEALS - FIRM BLACK

Vitcas® Firm Rope is manufactured from textured glass fibre yarn which is braided and used for sealing and jointing purposes where a temperature resistance is required. It is commonly used when jointing flue systems to the appliance and also as a seal around the inside of stove doors. Rated to 550°C/1020°F. To be used with Vitcas® Rope Adhesive.

CODE	SIZE	METRES PER ROLL
S-G/RH/B6	6mm	50
S-G/RH/B8	8mm	50
S-G/RH/B10	10mm	50
S-G/RH/B12	12mm	50



VITCAS® THERMAL LAGGING ROPE

Vitcas® Thermal Lagging Rope is for gap filling applications such as between fire surrounds and the chimney breast or between fire backs and fire surrounds. It is also an ideal way to insulate pipe work, for temperatures up to 550°C/1020°F.

CODE	SIZE	METRES PER ROLL
S-G/LA/20	20mm	30
S-G/LA/25	25mm	30
S-G/LA/30	30mm	30
S-G/LA/40	40mm	15
S-G/LA/50	50mm	15

GLASS FIBRE TAPES



VITCAS® THERMAL TAPES - BLACK

Vitcas® Thermal Tape is manufactured from braided glassfibre yarn and is used for sealing glass window panels into stove doors. Rated to 550°C/1020°F. Available in self adhesive format for easy installation. To be used with Vitcas® Stove Rope Adhesive

CODE	SIZE	METRES PER ROLL
S-G/TA/BA10X2	10mm x 2mm	50
S-G/TA/BA15X2	15mm x 2mm	50



VITCAS® THERMAL TAPES - WHITE

Vitcas® Thermal Tape is manufactured from braided glassfibre yarn and is used for sealing glass window panels into stove doors. Rated to 550°C/1020°F. Available in self adhesive and plain types. To be used with Vitcas® Stove Rope Adhesive

CODE	SIZE	METRES PER ROLL
S-G/TA/WA15X2	15mm x 2mm	50
S-G/TA/WA25X2	25mm x 2mm	50



VITCAS® THERMAL LADDER TAPE

Thermal ladder tape is used to secure around stove glass. Usually used when the stove glass is sandwiched between the front door and back plate. The thermal ladder tape fits around the edge of the glass to provide a seal to prevent smoke escaping from the fire. Resistant to 550°C/1020°F.

CODE	SIZE	METRES PER ROLL
S-G/TAL/25X2	25mm x 2mm	30



VITCAS® HEAT TREATMENT TAPE

Designed for wrapping around exhausts to keep them warmer for longer thus improving engine efficiency. The tape can also be used as a cable covering to protect against heat. The pre-use heat treatment reduces the chance of any smoke / fume on first use.

CODE	SIZE	METRES PER ROLL
S-G/TAE/50X2	50mm x 2mm	30



VITCAS® TITANIUM BASALT FIBER TAPE

Basalt Webbing Tape is an exhaust insulation wrap with a high degree of chemical resistance and resistance to radiation. It can resist temperatures up to 700°C/1290°F. Examples of applications: insulating pipes in nuclear plants.

CODE	SIZE	METRES PER ROLL
BAS/TA/50X2	50mm x 2mm	30



VITCAS® SILICA FIBER WEBBING TAPE

Silica Webbing Tape has excellent thermal insulation. It can be used to insulate linings and exhausts, as well as for seals in boilers, furnaces and kiln cars and welding curtains.

CODE	SIZE	METRES PER ROLL
S-S/TA/50X2	50mm x 2mm	30



VITCAS® CERAMIC FIBRE SEALING STRIP

Ceramic fibre sealing strip provides a permanent airtight seal between the panels of the stoves. Also can be used as a high temperature gasket in different applications. Resistant up to 1200°C/2190°F.

CODE	SIZE	METRES PER ROLL
S-CF/STRIP/6X3	6mm x 3mm	10
S-CF/STRIP/10X4	10mm x 4mm	10

FLUE JACKETS



VITCAS® FLUE INSULATION WRAP

Flue Insulation Wrap Jacket is made entirely of e-glass materials which are completely safe for the environment. The inner layer is e-glass blanket which is contained in a glass fibre cloth outer. Total thickness of Vitcas® Flue Insulation Wrap is just 12mm, resistant to 550°C/1020°F and very low thermal conductivity.

Features:

- Completely non-combustible
- Protects from thermal shock
- Improves air flow and reduces the risk of chimney fire
- Reduces the risk of condensation and formation of tar

Size: 125mm(5") - 200mm(8") x 1Metre

CODE	SIZE	UNIT PER CASE
TEX-FLUEW/1	125-200mm	1



VITCAS® ALUMINIUM FLUE INSULATION WRAP JACKET

The blanket has a layer of aluminium foil in order to reduce fraying and to reduce loss of heat by radiation.

Uses: Insulation of flues, pipes, machinery in nautical and automotive industries.

Size: 1 metre wide
 Thickness: 12mm
 Weight/Area: 2.000 g/cm²
 Colour: Aluminium one side and white the other.
 Max. Temperature: 550°C/1020°F.

CODE	METRES PER ROLL
S-G/FAL/12	10



VITCAS® ALUMINIUM FOIL TAPE

Self adhesive aluminium foil tape size 50mm. Widely used for pipe lagging, duct sealing, heating and ventilation.

CODE	SIZE	METRES PER ROLL
TAPE-ALU/FOIL	50 mm	45

NEEDLE MAT FELT



VITCAS® NEEDLE FELT

Fibre glass needle felt is manufactured using E-Glass and results in a soft, flexible material which is easy to cut and handle. Also available aluminium foiled.

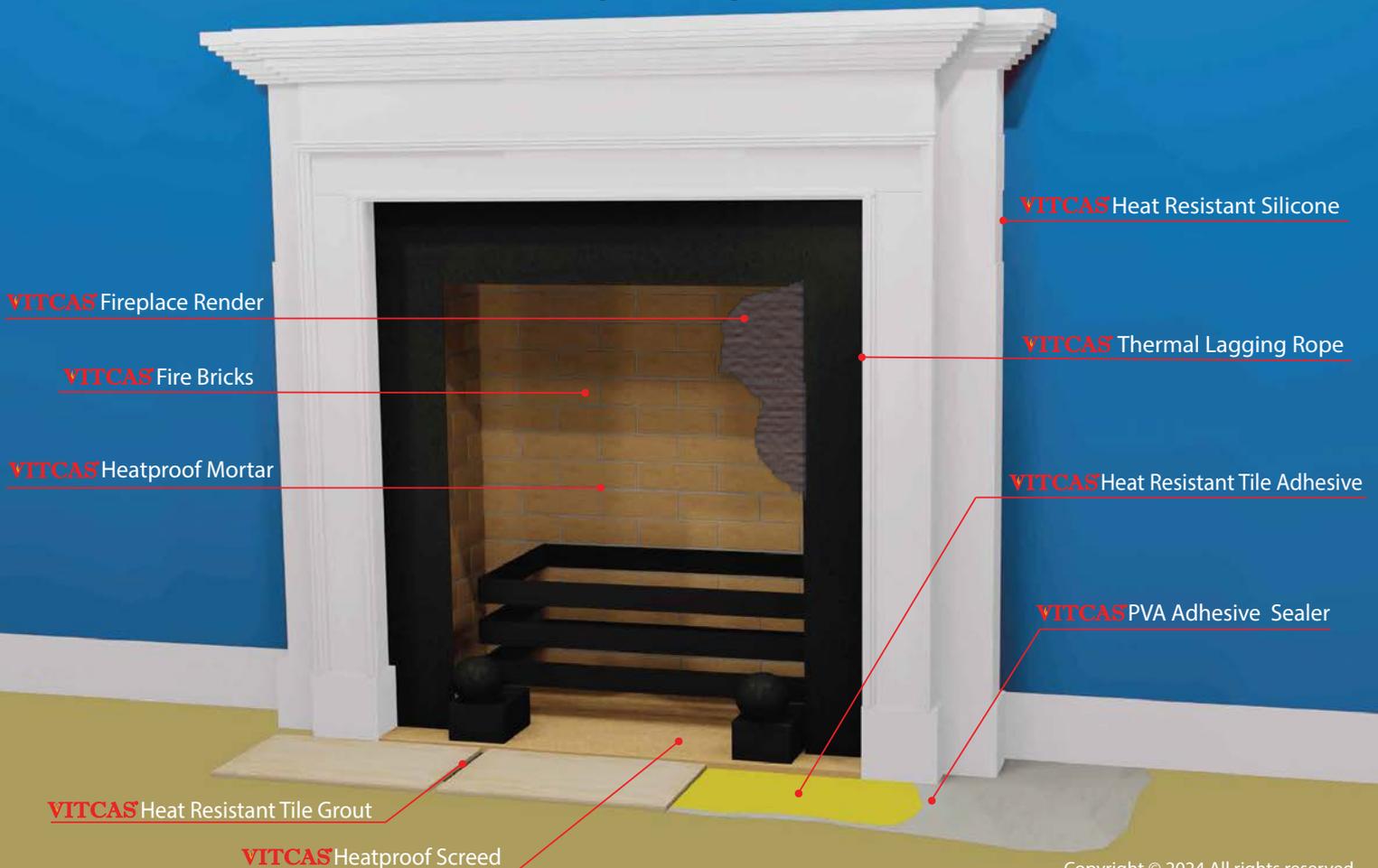
Examples of application: insulations of pipes and machinery.

CODE	SIZE	METRES / ROLL
S-G/FELT/10	10mm x1M	10

Range Cooker



Open Fireplace



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VITCAS® THERMAL HOSE & CABLE SLEEVING PROTECTION

Twill braided glass fibre sleeves.
Examples of Application: Thermal flexible insulation for electric wires, cables, hoses, tubes and hydraulic systems.
Resistant to 550°C/1022°F.

CODE	SIZE	METRES / ROLL
S-G/SL/10X3	10x3 mm	30
S-G/SL/15X3	15x3 mm	30
S-G/SL/20X3	20x3 mm	30



VITCAS® SILICONE RUBBER COATED

Silicone Rubber Coated Sleeving is a glass fibre sleeving coated with red silicone rubber. It reduces irritation from fibres and corrosive materials and protects personnel from injuries caused by external agents. The sleeving also provides great insulation and fire resistance. Examples of applications: discharge pipes, high pressure pipes, electric cables, hoses, flexible cables and industrial furnaces.

CODE	SIZE	METRES / ROLL
S-G/SL/SR10	10x3 mm	25
S-G/SL/SR20	20x5 mm	25



VITCAS® ELCTRO - THERMAL TAPE

Vitcas Electro-thermal tape for transformers, electric motors and coils.
Resistant to 300°C/572°F. Available in black, white and brown colour.

CODE	SIZE	UNIT PER CASE
ST/W25	25 mm	1
ST/B25	25 mm	1
ST/BR25	25 mm	1
ST/BR50	50 mm	1



VITCAS® ELECTRICAL E GLASS INSULATION TAPE

Electrical Insulation Fiberglass Tape resists temperatures to 550°C/1022°F, offers fire protection on power cables, has high tensile strength and chemical resistance, and acts as both an electric and thermal insulator. Hence it is used in low voltage machines and electrical equipment.

CODE	SIZE	UNIT PER CASE
S-G/TA/EL.13X50	0.13x50mm x30M	1



VITCAS® SQUARE GLASS FIBRE PACKING ROPE

Square Glass Fibre Packing is braided from glass fibre to produce a strong, hard rope for seal and gasket applications. This packing is widely used in wood / straw boilers, industrial furnaces, foundries, petrochemical industry and power stations for sealing boiler and furnace doors.

CODE	SIZE	METRES / ROLL
S-G/SQ/6X6	6x6mm	50
S-G/SQ/8X8	8x8mm	50
S-G/SQ/10X10	10x10mm	50
S-G/SQ/12X12	12x12mm	50
S-G/SQ/15X15	15x15mm	50
S-G/SQ/20X20	20x20mm	25
S-G/SQ/25X25	25x25mm	25

CERAMIC FIBRE SEALS



VITCAS® CERAMIC PACKING SQUARE & RECTANGULAR

Door seals for ovens, furnaces, boilers and kilns in foundries, aluminium works, shipyards, power stations and petrochemical plants.
Resistant to 1260°C/2300°F.

CODE	SIZE	METRES / ROLL
S-CF/SQ/30X30	30mm x 30mm	10
S-CF/RT/40X20	40mm x 20mm	25



VITCAS® CERAMIC TAPE

Protective insulation cover for cables and pipes. Expansion joints and high temperature seals and gaskets. Resistant to 1260°C/2300°F. Reinforced with stainless steel wire.

CODE	SIZE	METRES / ROLL
S-CF/TA/50X3	50mm x 3mm	30
S-CF/TA/70X3	70mm x 3mm	30
S-CF/TA/100X3	100mm x 3mm	30



VITCAS® CERAMIC LAGGING ROPES

The core of the rope consists of parallel strands of fibres and these are contained within an outer braided or meshed sleeve. Available in diameters from 20mm to 50mm.

CODE	SIZE	METRES / ROLL
S-CF/LA/20	20 mm	30
S-CF/LA/25	25 mm	30
S-CF/LA/30	30 mm	30
S-CF/LA/40	40 mm	15
S-CF/LA/50	50 mm	15

HIGH TEMPERATURE TEXTILES



VITCAS® GLASS FIBRE CLOTH LOOMSTATE - 550°C/1020°F

Completely non-combustible and providing high mechanical strength loomstate cloth is resistant up to 550°C/1020°F and is the most flexible for curtains, drapes, blanket etc.

CODE	SIZE	METRES / ROLL
S-G/CL/LS1.5	1.5mm X 1M	50



VITCAS® ALUMINIUM FOILED GLASS FIBRE CLOTH - 550°C/1020°F

The cloth has a layer of aluminium foil in order to reduce fraying and to reduce loss of heat by radiation.

CODE	SIZE	METRES / ROLL
S-G/CL/AL0.4	0.4mm x 1M	50
S-G/CL/AL1.5	1.5mm x 1M	50

Examples of Application: Gloves, covers, protective items, cars, motorbikes, boilers, foundries, iron, steel and shipping industries.



VITCAS® GLASS FIBRE WITH GRAPHITE - 600°C/1110°F

Incorporating graphite with the glass fibre increases the temperature resistance to 600°C/1110°F.

CODE	SIZE	METRES / ROLL
S-G/CL/GRAPH	1.5mm x 1M	50

Examples of Application: Welding defender, heat protection quilt, foundry splash protection.



VITCAS® GLASS FIBRE WITH VERMICULITE - 1000°C/1830°F

Vitcas® Vermiculite Coated Glass Fibre Cloth is manufactured from E-type fibres which have high mechanical strength and the composite is abrasion resistant with the ability to withstand direct flame. The vermiculite coating increases the temperature resistance to 1000°C/1830°F.

CODE	SIZE	METRES / ROLL
S-G/CL/VERM	1.4mm x 1M	50

Examples of application: welding blankets, fireproof curtains and heat shields.



VITCAS® CALCIUM SILICATE CLOTH - 700°C/1290°F

Calcium Silicate Cloth has a high temperature resistance of up to 750°C/1382°F short duration temperature and 700°C/1290°F continuous working temperature. It also has a high resistance to abrasion, chemicals and oil spills, is water repellent and weather proof.

CODE	SIZE	METRES / ROLL
S-G/CL/CASIL	1.5mm x 1M	50

Examples of applications: flexible expansion joints, insulation jackets.

HIGH TEMPERATURE TEXTILES



VITCAS® ACRYLIC COATED GLASS FIBRE CLOTH - 550°C/1020°F

Vitcas® Acrylic Coated Glass Fibre Cloth is manufactured from E-type fibres. The Stiffness of the cloth and its abrasion resistance is increased by the weave pattern and the acrylic impregnation.

CODE	SIZE	METRES / ROLL
S-G/CL/ACRYL	0.45mm x 1M	50

Examples of application: - cover material for seals, insulation in expansion joints and covering layer for insulation jackets.



VITCAS® BLUE ACRYLIC COATED ON 2 SIDES CLOTH - 550°C/1020°F

Vitcas Blue Acrylic Coated On Both Sides Cloth is manufactured from glass fibre. The acrylic is on both sides, hence it has double the resistance to abrasion and the stiffness, than that of a regular glass fibre cloth with acrylic coating on one side.

CODE	SIZE	METRES / ROLL
S-G/CL/ABLU2	0.75mm x 1M	50

Examples of application: insulation in expansion joints and covering layer in seals and insulation jackets.



VITCAS® NEOPRENE COATED FIBREGLASS CLOTH - 180°C/350°F

Vitcas Neoprene Coated Fibreglass Cloth is resistant up to a short duration temperature of 180°C/356°F and a continuous working temperature of 120°C/248°F. It has excellent endurance, high resistance to corrosion and oil spills, and is weather proof.

CODE	SIZE	METRES / ROLL
S-G/CL/NB2	0.45mm X 1M	50

Examples of applications: binding pipes, industrial fire screens and fire blankets.



VITCAS® SILICONE COATED CLOTH - 550°C/1020°F

Vitcas Silicone Coated Cloth on Both Sides is available in either red or grey. It is made out of fibreglass and coated with silicone on both sides, which gives it high temperature resistance, water repellence, as well as chemical and abrasion resistance.

CODE	SIZE	METRES / ROLL
S-G/CL/SG2	0.55mm x 1M	50
S-G/CL/SR2	1mm x 1M	50

Examples of applications: expansion joints in fabrics, insulation jackets, and fire doors and curtains.



VITCAS® POLYURETHANE PU COATED CLOTH - 550°C/1020°F

Vitcas Polyurethane PU coated SMOKE cloth is impermeable to gases, but still allows some light through. The fabric is halogen free, fire proof and has high stability. It has a maximum service temperature of 550°C/1022°F.

CODE	SIZE	METRES / ROLL
S-G/CL/PU1	0.45mm x 1M	50

Examples of applications: smoke and fire applications.



VITCAS® HEAT TREATED CLOTH - 600°C/1110°F

Vitcas Heat Treated Glass Fibre Cloth has a maximum service temperature of 600°C/1112°F. It has many useful characteristics such as abrasion, chemical and oil resistance, water repellence, and being weather proof.

CODE	SIZE	METRES / ROLL
S-G/CL/HTW1.5	1.5mm x1M	50

SILICA FIBRE TEXTILES



VITCAS® SILICA FIBRE CLOTH - 1200°C/2190°F

Vitcas® Silica Cloth is manufactured from silica fibres with a satin weave. It is available in two weights and has a resistance of 1200°C/2192°F for short periods and a continuous working temperature of 900°C/1652°F.

CODE	SIZE	METRES / ROLL
S-S/CL/84	0.7mm X 910mm	50
S-S/CL/88	1.3mm X 910mm	50

Examples of Application: It is mainly used in high temperature dust collection equipment and filters or in fire fighting equipment such as fire curtains and fire garments.



VITCAS® SILICA FIBRE WITH VERMICULITE - 1200°C/2190°F

Heavy duty silica fibre fabric with vermiculite incorporated. The short term temperature resistance is increased to 1200°C/2192°F and the continuous resistance is increased to 1000°C/1832°F. The vermiculite enhances the abrasion resistance and tensile strength.

CODE	SIZE	METRES / ROLL
S-S/CL/84VERM	0.7mm X 910mm	50

Examples of application include fire fighting equipment, fireproof garments, dust collection, filtration and filtering molten metals.

CERAMIC FIBRE CLOTH



VITCAS® CERAMIC FIBRE CLOTH - 1100°C/2010°F

Ceramic Fibre Cloth is a woven textile with ceramic fibres reinforced with stainless steel wire. Resistant up to 1100°C/2010°F.

CODE	SIZE	METRES / ROLL
S-CF/CL/SS-2	2mm X 1M	30

Examples of application: insulation covers, high temperature expansion joint fabric, tadpole gaskets and other high temperature seals.

SEWING YARNS



VITCAS® SILICA SEWING THREAD - 1400°C/2550°F

Vitcas® Silica Fibre sewing thread is manufactured from silica fibres which have high mechanical strength and are resistant up to 1400°C/2552°F. The thread exhibits excellent chemical stability resisting attack from most oils and solvents. It does not rot and is unaffected by fungi or bacteria.

CODE	SIZE	SPOOLS / CASE
S-S/TH/0.46	0.46mm	1

Examples of application: sewing safety clothing, manufacturing welding blankets and fire blankets.



VITCAS® SEWING THREAD - 550°C/1020°F

Glass fibre thread coated with PTFE. The thread can be supplied with and without stainless steel wire reinforcement for extra strength.

CODE	SIZE	SPOOLS / CASE
S-G/TH/0.45	0.45mm	1
S-G/THW/0.45	0.45mm	1

Examples of Application: For sewing gloves, airbags, fire protection clothing, insulation covers for flues and valves and other finished textile products for high temperature use in industry.



VITCAS® KEVLAR SEWING THREAD / ARAMID YARN

Kevlar fibre thread is composed of aramid yarn. The thread has the highest commercially available specific strength coupled with its outstanding resistance to chemicals, solvents, fuels, lubricants and saline.

CODE	SIZE	SPOOLS / CASE
S-KEV/TH/0.39	0.39mm	1

Examples of application: Used extensively in the manufacture of safety clothing.

CERAMIC FIBRE INSULATION



VITCAS® CERAMIC FIBRE BLANKET - 1260°C/2300°F - 1430°C/2600°F

Vitcas® Ceramic fibre blanket is composed of long, flexible, interwoven fibres manufactured by the 'blown' and 'spun' process yielding a strong, lightweight yet durable blanket for applications in a temperature range from 1260°C/2300°F to 1600°C/2910°F. Refractory ceramic fibre blanket has the heat resistance of a hard refractory with five times better insulation value.

CODE	SIZE	AREA PER ROLL
RCF-BLT-1260/13	14640x610x13mm	8.93m ²
RCF-BLT-1260/25	7320x610x25mm	4.46m ²
RCF-BLT-1260/50	3600x610x50mm	2.20m ²
RCF-BLT-1430/13	14640x610x13mm	8.93m ²
RCF-BLT-1430/25	7320x610x25mm	4.46m ²
RCF-BLT-1430/50	3600x610x50mm	2.20m ²



VITCAS® BIO SOLUBLE FIBRE BLANKET - 1200°C/2190°F

Vitcas® Bio-soluble fibre blanket manufactured using calcium & magnesium silicate fibres in the 'blown and spun' process, this type of fibre does not have any hazard classification because of its low bio-persistence. Maximum service temperature 1200°C/2190°F.

CODE	SIZE	AREA PER ROLL
BSF-BLT/13	14640x610x13mm	8.93m ²
BSF-BLT/25	7320x610x25mm	4.46m ²



VITCAS® BIO SOLUBLE FIBRE BLANKET WITH ALUMINIUM FOIL - 1200°C/2190°F

Vitcas Bio Insulation Blanket with Aluminium Foil is an advanced thermal insulation product designed for extreme temperatures up to 1200°C/2190°F. Crafted from bio-soluble fibres, this eco-friendly blanket ensures safety, sustainability and energy savings. It is easy to cut and its aluminium foil layer enhances heat reflection, which makes it suitable for thermal processing equipment, furnaces and kilns.

CODE	SIZE	AREA PER ROLL
BSF-BLT/13AL	14640x610x13mm	8.93m ²
BSF-BLT/25AL	7320x610x25mm	4.46m ²



VITCAS® CERAMIC FIBRE PAPER - 1260°C/2300°F

Vitcas® Ceramic fibre paper is a lightweight refractory material processed from a blend of alumina-silica fibres into a flexible, uniform sheet. The distribution of the fibres with the organic bond and the thickness of the paper can be very strictly controlled. The bond will be completely burnt out in use. Refractory ceramic fibre paper is very flexible and easy to cut with a smooth surface, ideal for gasketing and sealing applications. Maximum service temperature 1260°C/2300°F.

CODE	SIZE	AREA PER ROLL
RCF-PAPER-1MM	5000x610x1mm	30.5m ²
RCF-PAPER-2MM	3000x610x2mm	18.3m ²
RCF-PAPER-3MM	2000x610x3mm	12.2m ²
RCF-PAPER-5MM	1000x610x5mm	6.1m ²



VITCAS® CERAMIC FIBRE BOARD - 1260°C/2300°F - 1430°C/2600°F

Vitcas® Refractory ceramic fibre board is a vacuum formed product that resists higher gas velocities than ceramic fibre blanket. It is ideal for furnace, boiler duct and stack lining due to its low thermal conductivity and low heat storage allowing shorter cycle times and quicker access for maintenance. Temperature range from 1260°C/2300°F to 1430°C/2600°F.

CODE	SIZE	UNIT PER CASE
RCF-BD-1260/25	1200x1000x25mm	4
RCF-BD-1260/50	1200x1000x50mm	2
RCF-BD-1430/25	1200x1000x25mm	4
RCF-BD-1430/50	1200x1000x50mm	2



VITCAS® CERAMIC FIBRE MODULES - 1260°C/2300°F - 1430°C/2600°F

Refractory ceramic fibre modules have the highest insulating value achievable in a ceramic fibre. Each module is a continuous folded blanket under compression. Module linings prevent heat loss, increasing the furnace productivity and reducing maintenance costs. Temperature range from 1260°C/2300°F to 1430°C/2600°F.

CODE	SIZE
RCF-MOD/1260	300x300x200mm
RCF-MOD/1260	300x300x250mm
RCF-MOD/1260	300x300x300mm
RCF-MOD/1430	300x300x200mm
RCF-MOD/1430	300x300x250mm
RCF-MOD/1430	300x300x300mm



VITCAS® CFR - CERAMIC FIBRE RIGIDISER

Vitcas® Ceramic Fibre Rigidizer is a silicate compound for treating the surface of ceramic fibre blanket, modules, boards and vacuum formed components to give a hard outer shell in order to seal the surface and protect against erosion. Examples of Applications: • Surface coating for ceramic fibre materials exposed to high velocity gases • Hardening coat for ceramic fibre materials used in forges • Sealing coat for ceramic fibre materials used in ceramic kilns to prevent fibres dropping onto the work • Surface hardener for vacuum formed ceramic fibre shapes

CODE	SIZE	UNIT PER CASE
RCF-RIGIDISER	5L	1

CERAMIC FIBRE ADHESIVE



VITCAS® CFA - CERAMIC FIBRE ADHESIVE - 1260°C/2300°F

Ceramic Fibre Adhesive is a silica based, high temperature, air setting cement for use as a refractory surface coating or for use as an adhesive for ceramic fibre modules and laminates to brickwork or metal. The adhesive should be applied onto the refractory or steel surface not the ceramic fibre. As a surface coating the cement can be thinned with water before application as a protection against gas velocities or molten metal. Maximum service temperature 1260°C /2300°F

CODE	SIZE	UNIT PER CASE
VITCAS-CFA-310ML	310 ml	12
VITCAS-CFA-5KG	5 Kg	1

ZIRCON REFRACTORIES



VITCAS® ZIRCON PAINT COATING - 1750°C/3180°F

Zircon has a good resistance to the alkalis in molten glass and in metal slags. It is particularly effective in contact with aluminium alloys and can be applied to refractory bricks and alumina-silicate monolithic linings with equally good results. Zircon has good non wetting properties and there is also some evidence that zircon helps with corundum build up. Maximum service temperature 1750°C /3180°F.

CODE	SIZE	UNIT PER CASE
ZIRCON-PAINT-RM	2.5 L	1
ZIRCON-PAINT-DRY	5 Kg	1



VITCAS® ZIRCON RAPID - 1750°C/3180°F

Vitcas® Zircon Rapid is a two part cement consisting of a very high quality powder which is mixed together with a solution to form a brush coating paste or to a putty consistency. The product is designed for use as repair cement for jobs of a critical nature requiring high refractory and superior stability. The typical setting time is 10 minutes but setting times can vary according to the ambient temperature. Maximum service temperature 1750°C /3180°F.

CODE	SIZE	UNIT PER CASE
ZIRCON-RAPID	5Kg + Liquid	1



VITCAS® ZIRCON PATCH - 1750°C/3180°F

Zircon patch is a high strength, chemically bonded patching material with a higher moisture content for both hot and cold repairs. Suitable for repairs to silica, alumina or zircon refractories, especially to repair the crowns and superstructures of glass furnaces. Maximum service temperature 1750°C /3180°F.

CODE	SIZE	UNIT PER CASE
ZIRCON-PATCH	25 Kg	1



VITCAS® ZIRCON RAM - 1750°C/3180°F

Zircon Ram is supplied in a semi-dry condition with a moisture content of approximately 5% for installation by pneumatic or vibration methods. It has excellent performance in contact with molten metal, slags and glass. Maximum service temperature 1750°C /3180°F.

CODE	SIZE	UNIT PER CASE
ZIRCON-RAM	25 Kg	1

Examples of Applications:

Used in the foundry industry to line ladles and launders. Used in the glass industry to line glass tanks and furnace bottoms behind the bricks or blocks which are in contact with the molten glass.

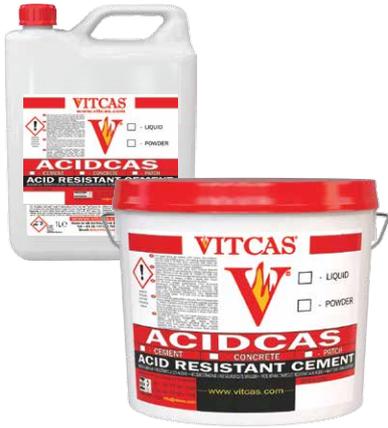


VITCAS® ZIRCON COIL PLASTER CASTABLE - 1750°C/3180°F

Hydraulic setting coil plaster supplied as a dry powder to mix with water to a trowelling consistency, e.g. used to coat electric induction furnace coils as protection from molten metal penetration through furnace lining. This product also can be used as a high temperature castable. Maximum service temperature 1750°C /3180°F.

CODE	SIZE	UNIT PER CASE
ZIRCON-COIL-PL	25 Kg	1

CHEMICAL & ACID RESISTANT MATERIALS

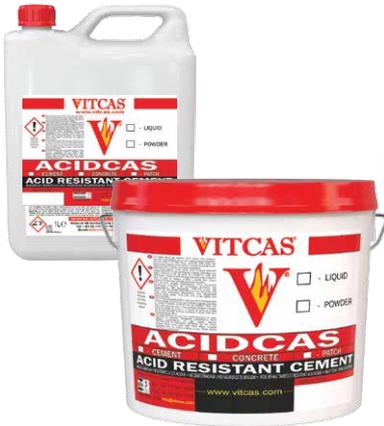


VITCAS® ACIDCAS MORTAR - 1400°C/2550°F

Vitcas® Acidcas Cement is a two-part silicate type mortar which resists all acids, hot and cold, with the exception of hydrofluoric. It also withstands temperatures up to 1400°C /2550°F with an acid resistance of minimum 96%. (BS 784).

Examples of application: bedding and jointing of acid resistant bricks and tiles on floors, acid tanks, chimney linings and bonded brickwork in acidic soil.

CODE	SIZE
ACIDCAS-MORTAR	25Kg + Liquid



VITCAS® ACIDCAS CONCRETE - 1400°C/2550°F

Vitcas® Acidcas Concrete is a two-part silicate type graded aggregate/cement mix which is used for structural work without bricks or tiles. Maximum temperature in service 1400°C /2550°F with an acid resistance of minimum 96%. (BS 784).

Examples of application: laying floors, sulphur pits and bunds.

CODE	SIZE
ACIDCAS-CONCRETE	25Kg + Liquid



VITCAS® ACIDCAS RENDER - 1400°C/2550°F

Vitcas® Acidcas Patch is a two-part silicate type render which can be used to increase the acid resistance of an existing structure. On vertical surfaces the material should be rendered onto a metal mesh support. Maximum temperature in service 1400°C/2550°F with an acid resistance of minimum 96%. (BS 784).

Examples of application: rendering on the inside of existing concrete tanks, onto concrete floors and bunds.

CODE	SIZE
ACIDCAS-RENDER	25Kg + Liquid

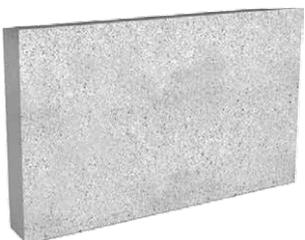


VITCAS® ACID RESISTANT BRICKS - 400°C/750°F

Class I acid resistant fireclay bricks. Their excellent chemical and abrasion resistance is combined with high strength and low porosity. With a maximum temperature in service of 400°C/750°F, the acid resistance is minimum 99% (BS784). These bricks can be set with Acidcas acid resistant cement.

Examples of application: vessel linings, chimneys, pits and floors.

CODE	SIZE
FB-AR1/64MM	230x114x64mm



VITCAS® ACID RESISTANT TILES

Acid Resistant Tiles offer superior protection against chemical corrosion and wear. They are also resistant to high heat up to 400°C/750°F. Manufactured from high-density ceramic materials, these tiles are designed for environments exposed to acids and harsh chemicals. The tiles are ideal for use in laboratories used for pharmaceutical drug production, in chemical processing plants and battery rooms.

CODE	SIZE
FB-AR1/32MM	230x114x32mm

INSULATION FIRE BRICKS

VITCAS® IFB INSULATION FIRE BRICKS 1260°C/2300°F - 1650°C/3000°F



The Vitcas® range of Insulation Firebricks are made from specially formulated high-purity refractory clays with varying alumina contents in a manufacturing process which results in a controlled pore structure. They are much less dense and therefore lighter in weight than fireclay bricks. The low thermal mass makes them most suitable for situations where heat storage is to be avoided.

CODE	SIZE
IFB-23/76MM	230X114X76mm
IFB-26/76MM	230X114X76mm
IFB-28/76MM	230X114X76mm
IFB-30/76MM	230X114X76mm

Examples of application: hot face linings in ceramic kilns, back up insulation in furnaces, forges, brazing hearths and heat treatment furnaces.

Grade 23 - 38% Al₂O₃ - Maximum Service Temperature 1260°C /2300°F

Grade 26 - 57% Al₂O₃ - Maximum Service Temperature 1430°C /2600°F

Grade 28 - 62% Al₂O₃ - Maximum Service Temperature 1540°C /2800°F

Grade 30 - 72% Al₂O₃ - Maximum Service Temperature 1650°C /3000°F

REFRACTORY BRICKS

VITCAS® REFRACTORY HIGH DUTY BRICKS



Vitcas® Firebricks are High Duty Fireclay bricks with a low iron and alkali content. The maximum temperature in service is 1430°C/2600°F and the density is 2200kg/m³. Dense firebricks are preferred where higher thermal mass and heat storage are important.

CODE	SIZE
FB42/76MM	230X114X76mm

Examples of Applications: Carbon bake furnaces in the aluminium industry, Preheat zones and cyclones of rotary cement kilns, Primary reformers in fertilizer production, Insulation for glass tanks, Reheating Furnaces, Domestic fireplaces, barbeques and outdoor ovens.

VITCAS® REFRACTORY HIGH ALUMINA BRICKS



Vitcas High Alumina Bricks have a high density and high strength. The maximum temperature in service is 1450°C 2640°F with a density of 2600kg/m³ and an alumina content of 60%.

CODE	SIZE
FB60/64MM	230x114x64mm

Examples of Applications: Coke Ovens, Blast Furnaces, Suspended Roofs and Lime Kilns

SILICA REFRACTORY MORTARS



VITCAS® SILCAS M - 1430°C/2600°F

White ready mixed, refractory air setting mortar. Maximum service temperature 1430°C /2600°F.

CODE	SIZE	UNIT PER CASE
SILCAS-M-5KG	5 Kg	1
SILCAS-M-25KG	25 Kg	1

Examples of Applications:

Setting and jointing all of the insulating bricks and also extensively used in the precision casting industry in the investment casting lost wax process as an adhesive for sticking ceramic fibre blanket to ceramic shells.



VITCAS® SILCAS A - 1400°C/2550°F

Silica based, ready mixed, refractory air setting mortar designed for setting and jointing both insulating and dense firebricks. Maximum service temperature 1400°C /2550°F

CODE	SIZE	UNIT PER CASE
SILCAS-A-25KG	25 Kg	1

Examples of Applications:

Kiln and furnace side walls constructed from special shapes or conventional bricks. Kiln and furnace roofs constructed from arch bricks. Smaller kiln cars subjected to low-thermal and mechanical stress, kiln car decks - jointed pre-fired blocks. General repair work such as installation of burners, peep-hole blocks, thermocouples etc.



VITCAS® SILCAS RGW - REFRACTORY GLAZE WASH - 1000°C/1830°F

Refractory Glaze Wash 1000°C for coating brick and monolithic linings best applied by brush or spray although it is sufficiently thixotropic for trowel application. The recommended method is to brush hard onto the surface to give maximum bonding and to ensure an integral coating. To achieve maximum glazing efficiency, furnace lining coated should be taken up to 1000°C if possible on the first heat. Maximum service temperature 1000°C /1830°F.

CODE	SIZE	UNIT PER CASE
SILCAS-RGW	5 Kg	1



VITCAS® SILCAS HP - HOT PATCH REPAIR - 1430°C/2600°F

Silcas HP hot patch is a repair cement used to repair and seal door jambs in coke ovens. To repair foundry ladles and launders in non ferrous foundries when temp. does not exceed 1430°C / 2600°F.

CODE	SIZE	UNIT PER CASE
SILCAS-HP	25 Kg	1

HIGH ALUMINA REFRACTORY MORTARS



VITCAS® VITSET 45 - HIGH ALUMINA REFRACTORY MORTAR - 1700°C/3100°F

Air setting refractory mortar, ready for use for trowelling and patching. Mortar forms a strong air-dried bond with all grades of refractory bricks for use up to service temperatures of 1700°C/3100°F.

CODE	SIZE	UNIT PER CASE
VITSET45-5KG	5 Kg	1
VITSET45-25KG	25 Kg	1

Examples of Applications:

Used for setting dense refractory bricks, high temperature insulation bricks and ceramic fibre blankets, boards, modules etc.



VITCAS® VITSET 80 - HIGH ALUMINA REFRACTORY MORTAR - 1750°C/3180°F

Ready mixed refractory mortar suitable for setting bricks and can be used for dipping bricks, coating and spraying. This material forms a strong air set bond with all grades of refractory bricks whether used as a joint or a render. It also has very good resistance to slag attack and it is very stable up to 1750°C/3180°F.

CODE	SIZE	UNIT PER CASE
VITSET80-25KG	25 Kg	1

Examples of Applications:

Used in steel works and foundries where high temperatures are encountered such as setting high alumina bricks for safety linings in pouring ladles and setting bricks and purging nozzles in continuous casting tundishes.



VITCAS® VITSET 90 - HIGH ALUMINA REFRACTORY MORTAR - 1860°C/3380°F

Ready mixed high alumina refractory mortar developed with high purity and high refractoriness coupled with stability at high temperatures for more specialised applications with alumino-silicate and magnesite refractories. Maximum service temperature of 1860°C/3380°F.

CODE	SIZE	UNIT PER CASE
VITSET90-25KG	25 Kg	1

Examples of Applications:

Used in setting sliding gate plates, purging nozzles and setting pre-cast shapes.

REFRACTORY PLASTIC MOULDABLE



VITCAS® VITPLAST 45AB - 1600°C/2910°F

A refractory plastic mouldable with excellent adhesion which is primarily designed for rapid repairs to brick and monolithic linings that can be installed using pneumatic hammer or hand rammed. Rated for a service temperature of 1600°C/2910°F.

CODE	SIZE	UNIT PER CASE
VITPLAST-45AB	25 Kg	1

Examples of Applications:

Used in foundry ladles, launders and repairs to boiler linings.



VITCAS® VITPLAST 85P - CHEMICALLY BONDED - 1700°C/3100°F

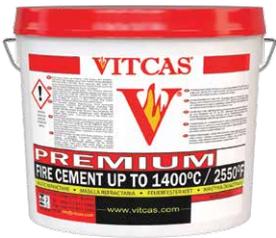
A chemically bonded high alumina refractory plastic mouldable which is easy to ram, has a low shrinkage and which has good stability at high temperatures reaching 1700°C/3090°F.

CODE	SIZE	UNIT PER CASE
VITPLAST-85P	25 Kg	1

Examples of Applications:

Used for capping and on the spouts in electric induction furnaces.

FIRECEMENT COMPOUND



VITCAS® PREMIUM 1P - SEALING COMPOUND - 1400°C/2550°F

Vitcas® Premium 1P is a sealing and luting compound for use in the manufacture or relining of bearings with white metal. During the casting of white metal, whether by the centrifugal or static method, many parts have to be stopped off to prevent access of white metal, e.g. base of bearing, header ring, oil and dowel holes etc. Premium 1P has been specifically developed for this application and sets hard when heat is applied and resists attack from white metal satisfactorily. Maximum service temperature 1400°C /2550°F.

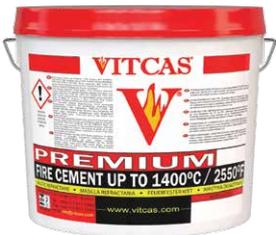
CODE	SIZE	UNIT PER CASE
PREMIUM-1P	5 Kg	1



VITCAS® PREMIUM - FIRE CEMENT - 1250°C/2280°F

Vitcas® Premium Fire Cement is finely ground putty-like material which is resistant to high temperatures. It sets rock-hard when exposed to heat or at room temperature and will ensure both smoke and gas tight joints. For use in industrial and domestic applications e.g. ovens, boilers, fireplaces, solid fuel ovens and investment casting shell repair. Resistant to 1250°C /2280°F.

CODE	SIZE	UNIT PER CASE
PREMIUM-25KG	25 Kg	1



VITCAS® PREMIUM T - 1250°C/2280°F

Vitcas® Premium T is a type of buff fire cement which has been developed for industrial brickwork repairs and the maintenance of gas fired ranges in the catering industry. Resistant to 1250°C/2280°F.

CODE	SIZE	UNIT PER CASE
PREMIUM-T	5 Kg	1

HIGH STRENGTH - RAPID SETTING CEMENT

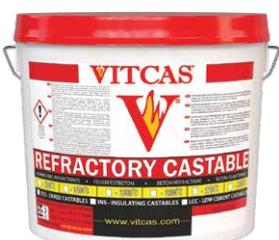


VITCAS® RAPIDCAS N20 - HIGH STRENGTH RAPID SETTING CEMENT

High Strength Rapid Setting Cement - Rapidcas N20 is a special formulated sand/cement mix which is easy to use and trowel and designed to set hard in about 60 minutes. Rapidcas N20 is satisfactory for even the most arduous conditions e.g. open to traffic within 2 hours. It has good bonding strength especially when used in conjunction with a polymer primer which can also be used to advantage as a 10% addition to the mixing water.

CODE	SIZE	UNIT PER CASE
RAPIDCAS-N20	25 Kg	1

REFRACTORY CASTABLES



VITCAS® REFRACTORY CASTABLES - 1400°C/2550°F - 1700°C/3090°F

1600 grade is used for repairs to boiler and incinerator linings and doors. Also for the area around burners where the local temperature is higher.

CODE	SIZE	UNIT PER CASE
1400STD-GM/25KG	25 Kg	1
1600STD-F/25KG	25 Kg	1
1700STD/25KG	25 Kg	1

1700 grade is suitable for use in a home foundry project as the material for lining a metal drum to make a small scale crucible furnace. Suitable even for melting cast iron.

REFRACTORY CASTABLES

Refractory castables can be used to create the monolithic linings within all types of furnaces, incinerators, boilers and kilns. They can be further classified into the following sub-categories: dense, gunning, low cement, and insulating



VITCAS® STANDARD DENSE CASTABLES 1200°C/2190°F - 1800°C/3270°F

The range of Vitcas® conventional dense castables is based on various raw materials with differing compositions to cover a temperature range from 1300°C/2370°F to 1800°C/3270°F. These refractory castables are great for common furnace applications, burner blocks, speciality muffle furnaces and boiler work. Resistance is a key quality that varies with the choice of materials, resulting in abrasion, thermal shock and slag attack.

CODE	SIZE	UNIT PER PALLET
1200AR	25 Kg	40
1300STD	25 Kg	40
1400STD	25 Kg	40
1500STD	25 Kg	40
1550STD	25 Kg	40
1600STD-F	25 Kg	40
1600STD	25 Kg	40
1700STD-AFM	25 Kg	40
1700STD	25 Kg	40
1800STD	25 Kg	40



VITCAS® DENSE GUNNING CASTABLES 1200°C/2190°F - 1800°C/3270°F

Most of the Vitcas® dense castables have an equivalent formulation which is designed for application by gunning. For the ease and speed of castable placement, gunning materials and water are combined together at the nozzle of the gunning equipment and the material is effectively sprayed into position. This is a great method of placement for bulk materials, in cases when circumstances make formwork overly time consuming or simply impractical.

CODE	SIZE	UNIT PER PALLET
1200AR-GM	25 Kg	40
1400STD-GM	25 Kg	40
1550STD-GM	25 Kg	40
1600STD-GM	25 Kg	40
1700STD-GM	25 Kg	40
1800STD-GM	25 Kg	40



VITCAS® LOW CEMENT CASTABLES 1400°C/2550°F - 1800°C/3270°F

This type of refractory castable is prepared with a lower amount of cement than the standard dense castables. These castables have exceptional physical properties, including low porosity, great abrasion properties and high strength. Another advantage of low cement castables is that they are easily pumped into position, and may not require vibration.

CODE	SIZE	UNIT PER PALLET
1400LCC	25 Kg	40
1400LCC-AL	25 Kg	40
1600LCC	25 Kg	40
1700LCC	25 Kg	40
1700LCC-P	25 Kg	40
1800LCC	25 Kg	40



VITCAS® INSULATING CASTABLES 1200°C/2190°F - 1400°C/2550°F

Vitcas® Insulating Castables have a lower density and lower conductivity than their standard equivalents. They are used for either high temperature face work or for a backup lining, which is found behind dense castables or brick work. Here, the insulating castables are able to decrease the lining's overall density or the cold face temperature.

CODE	SIZE	UNIT PER PALLET
1200INS	25 Kg	40
1250INS-H	25 Kg	40
1250INS-V	25 Kg	40
1300INS-H	25 Kg	40
1300INS-V	25 Kg	40
1400INS-H	25 Kg	40
1400INS-V	25 Kg	40
1400INS-LI-H	25 Kg	40
1400INS-LI-V	25 Kg	40



VITCAS® INSULATING GUNNING CASTABLES 1200°C/2190°F - 1400°C/2550°F

Most of the Vitcas® insulating castables have an equivalent formulation which is designed for application by gunning. This is a great method of placement for bulk materials, in cases when circumstances make formwork overly time consuming or simply impractical.

CODE	SIZE	UNIT PER PALLET
1200INS-GM	25 Kg	40
1250INS-GM	25 Kg	40
1300INS-GM	25 Kg	40
1400INS-GM	25 Kg	40
1400INS-LI-GM	25 Kg	40



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