



VITCAS[®]

FIRE CEMENT

**HEAT RESISTANT
ADHESIVES**

**HEAT RESISTANT MATERIALS
FOR FIREPLACES & STOVES**

**HEATPROOF MORTARS
& SCREED**

**THERMAL ROPES, TAPES
& ADHESIVE**

FIREBRICKS

**WOOD FIRED BREAD
& PIZZA OVEN**



www.vitcas.com

About Us

VITCAS COMPANY PROFILE

Vitcas® is an independent manufacturer of refractories, heat resistant products and insulation materials which follows the tradition of refractory and heat resistant manufacturing in Bristol, UK, since 1882. Our products include fire cement, fire bricks, refractory setting cements/mortars, plastic mouldable refractories, zircon refractory products, acid resistant cements and refractory castables for use in industries including steel plants, heat and power stations, foundries both ferrous and non-ferrous, cement producers, lime producers, glass works, ceramics, coke plants, incinerators, renewable energy, chemical works, sugar refineries and petrochemical industry.

HISTORY

According to the story, fire cement was first manufactured in Bristol in 1882. The discovery of the formulation for fire cement revolutionised the manufacture of refractory materials at that time. This innovation led to the foundation of refractories in Bristol. Since these beginnings fire cements, castables, mouldables and refractory mortars have been devised and developed. These materials are exported to all countries of the world. Export has spread from the British Commonwealth through the European Union to the rest of the world.



MISSION

We co-operate with a variety of companies worldwide. Within the scope of the global strategy, each market is approached individually to ensure that every customer's needs are met. Our key success criteria are: high quality products combined with competitive prices to the satisfaction of our clients.

WE ARE COMMITTED TO CUSTOMER SATISFACTION

We provide support worldwide, ensuring that only unsurpassed customer service is achieved and the most superior quality products are distributed. We understand that establishing and maintaining satisfied customers is essential to the continuous growth and success of a company. Rapid response to customer requirements is a major priority to us as we persevere to remain a leading company in the refractory business.

COST EFFECTIVENESS

We strive to eliminate unnecessary costs for the customer, both in the creation and the delivery of our products, in order to provide cost effectiveness. In addition, we are continuously seeking ways to deliver our products to our customers at the lowest price possible to stay competitive and build essential and long-lasting business relationships.

QUALITY ASSURANCE & BUSINESS CONTINUITY

The quality promise that we guarantee is to continuously manufacture and supply products which not only meet our company's determined specifications, standards, and quality, but also those of our customers. We stand strong behind our products and services and will take every step possible to ensure that all standards are met, as we know that without superior quality, there is no point in providing products. The quality standards, criteria, and specifications that we conform to are the highest levels possible in our industry. We are continuously exploring the internal quality systems that we employ in order to make certain that the expectations and requirements of the customer are completely fulfilled. Our quality system is established to meet the requirements of and maintain our BS EN ISO 9001:2008 accreditation.

TIMELY DELIVERY & RELIABILITY

We understand that receiving products in a timely manner is important to customers, so we hold ourselves to the highest of expectations when it comes to timely delivery and reliability. Your business is important to us, so we will work hard to deliver our products within the time frames that you require so that your business does not have to experience any delays.

ENVIRONMENT

By continuous improvement Vitcas® meets the highest standards of care for preservation of the environment. The dynamic development of our business drives us to introduce more controls for environmental protection. We value using environmentally safe practices where appropriate throughout the development and delivery of our products. Reducing the impact on the environment and reducing the use of natural resources is an important factor in our manufacturing process. Our environmental management system is established to maintain our BS EN ISO 14001:2004 accreditation.

HEALTH & SAFETY

Vitcas® is committed to achieving the best practicable standards of health and safety for our employees, customers and visitors. Health and safety is considered to be an integral element in the overall management of our businesses and we actively work to identify and minimise health and safety risks. No matter what the environment is, we believe every accident is preventable and the ultimate goal is to achieve an incident and injury free environment. Our commitment to achieving these goals is demonstrated by our Health and Safety Management System which is accredited to OHSAS 18001:2007



DISPLAY STAND

1000 x 2050 x 500 mm



ISO 9001 APPROVED



OHSAS18001 APPROVED



ISO 14001 APPROVED



National Association of Chimney Engineers



National Fireplace Association



ASSOCIATE MEMBER



Member

FIRE CEMENTS, MORTARS & RENDERS

VITCAS® PREMIUM FIRE CEMENT



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. Will ensure both smoke and gas tight joints. For use in industrial and domestic application e.g. ovens, boilers, fireplaces, solid fuel ovens etc. Resistant to 1250°C.

PACK	SIZE	UNIT PER CASE
Tub	500g	24
Tub	1 Kg	12
Tub	2 Kg	6
Tub	5 Kg	Single
Bucket	25 Kg	Single

VITCAS® HRP HEAT RESISTANT PLASTER



Vitcas® Heat Resistant Plaster high temperature smooth finish protection up to 650°C for use on walls and chimney breasts, hole in the wall fires and cassette stoves. To be used in conjunction with Vitcas® Fireplace Render.

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single
Bucket	20 Kg	Single

VITCAS® HT HIGH TEMPERATURE PLASTERBOARD

Vitcas® High Temp Plasterboard is a non-combustible decorative fireproof board which does not contain any gypsum. Can be used with Vitcas Heat Resistant Plaster in areas where Vitcas Fireplace Render cannot be applied. Tested to 1500°C.



PACK	SIZE	UNIT PER CASE
Pallet	1200mm x 800mm x 12mm	Single

VITCAS® PVA ADHESIVE SEALER



Single part, water resistant polyvinyl acetate based emulsion for use with Vitcas® Heat Resistant Tile Adhesive, Heat Resistant Plaster, Fireplace Render etc. Use undiluted onto the surface to be treated: masonry areas, high temperature plasterboards, construction boards etc and apply the heat resistant product when the PVA becomes tacky.

PACK	SIZE	UNIT PER CASE
Bottle	1 Ltr	12

VITCAS® MF MOULDABLE FIREBRICK



Vitcas® Mouldable Firebrick is a specially formulated blend of high quality refractory (heat resistant) aggregates and bond clays, resulting in a product which can be moulded into any shape to replace ordinary firebrick. Tested to 1600°C.

PACK	SIZE	UNIT PER CASE
Tub	5 Kg	Single

VITCAS® HB 10 RAPID SETTING 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 and when dry it has high strength. Heat-resistant to 750°C

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single
Bucket	20 Kg	Single

VITCAS® PREMIUM FIRE CEMENT BLACK



Vitcas® Premium Black, ready-mixed fire cement in tubs for long life. Ideal for patching and repairs to firebricks, fireplaces, solid fuel ovens, boilers and central heating systems. Resistant to 1250°C.

PACK	SIZE	UNIT PER CASE
Tub	500g	24
Tub	1 Kg	12
Tub	2 Kg	6
Tub	5 Kg	Single

VITCAS® FR FIREPLACE RENDER



Vitcas® Fireplace Render is a cement-like material 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 renders brick, stone, concrete and breeze block, fireplaces, barbeques and kilns.

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single
Bucket	20 Kg	Single

VITCAS® HIGH - TEMP PLASTERBOARD SCRIM TAPE



High Temperature Self-Adhesive Plasterboard Scrim Tape is a fibreglass tape woven with fibreglass yarn coated with acrylic resin and sensitive pressure glue. Used for the joints of High Temperature Plasterboards prior to skimming with Heat Resistant Plaster. Also used during repairs. Self-Adhesive • Perfect corrosion resistance • High Strength Colour: White

PACK	SIZE	UNIT PER CASE
Roll	50mm	1

VITCAS® HM HEATPROOF MORTAR



Vitcas® Heatproof Mortar is ready to use mixed refractory cement, supplied in a smooth trowelling consistency which will form a strong air-dried bond with all grades of dense and insulating firebricks. It is rated for use up to 1400°C. Available in Grey and White Colours

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single

VITCAS® HPS HEATPROOF SCREED



Vitcas® Heatproof Screed is a cement-like material for interior and exterior use for screeding masonry and making replacement bricks for fireplaces, barbeques and kilns. Resistant to 1400°C.

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single
Bucket	20 Kg	Single

VITCAS® HB 60 HEAT RESISTANT ADHESIVE



VITCAS® HB 60 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 is 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 construction boards where the surface is not particularly flat. Heat-resistant to 750°C

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single
Bucket	20 Kg	Single

HIGH TEMPERATURE SEALANTS & CLEANERS

VITCAS® BFC BLACK FIRE CEMENT



Vitcas® Black Fire Cement for domestic and commercial applications on fire bricks, fire grates, flue pipes, flue bricks, boilers and other applications subject to extreme heat. Offers excellent adhesion to fire bricks, blockwork, stone and clayware, asbestos free. Resistant to 1250°C.

PACK	SIZE	UNIT PER CASE
Cartridge	310 ml	12

VITCAS® FC FLUE CEMENT



Vitcas® Flue Cement is a high temperature ready mixed fireproof mortar paste, designed for the safe installation/jointing of Type A1 (BS EN1857) concrete flue liners (previously known as class 1) for use with domestic fires and stoves e.g. coal, wood burning or gas (including flame effect) may also be used as a general purpose fire cement in most applications where direct flame contact occurs. Resistant to 1250°C.

PACK	SIZE	UNIT PER CASE
Cartridge	310 ml	12

VITCAS® HRS HEAT RESISTANT SEALANT



Vitcas® Heat Resistant Sealant is a ready mixed high temperature sealing and caulking paste for use in fixing and jointing as well as for fire protection will withstand up to 1300°C. 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.

PACK	SIZE	UNIT PER CASE
Cartridge	310 ml	12

VITCAS® HEAT RESISTANT SILICONE



Vitcas® Heat Resistant Silicone in black colour. A heat resistant flexible sealant. It has a maximum intermittent operating temperature of 300°C. Designed for joints in contact with high temperatures such as flues, stove pipes, ovens, automotive gaskets, stoves, boilers etc.

PACK	SIZE	UNIT PER CASE
Cartridge	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.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	12

VITCAS® IS - INTUMESCENT & ACOUSTIC SEALANT



Halogen free acrylic sealant that provides a 4 hour fire barrier combined with excellent sound damping properties.

Examples of Application:

Ideal for sealing uneven gaps around pipework, door frames and window cills as well as for sealing fire protection boards and partitioning where 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.

PACK	SIZE	UNIT PER CASE
Cartridge	310 ml	12

VITCAS® HRTA HEAT RESISTANT TILE ADHESIVE



Vitcas® Heat Resistant Tile Adhesive is a ready mixed tile cement specially formulated for use in high temperature conditions where ordinary tile cements are inadequate for the long term retention of tiles. For use fixing tiles in areas subject for high temperatures, such as fire surrounds, behind boilers, cookers and radiators. Resistant to 1000°C.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	12
Bucket	5 Kg	Single

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.

PACK	SIZE	UNIT PER CASE
Bucket	2.5 Kg	Single

VITCAS® BA BOARD ADHESIVE



High temperature adhesive for use with insulation boards, vermiculite boards, high temperature plasterboards and construction boards. Primarily for the joints between boards. The material can be used to fix boards to brickwork, blockwork etc 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

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	12
Bucket	5 Kg	Single

VITCAS® CFA CERAMIC FIBRE ADHESIVE



Ceramic Fibre Adhesive is used with all types of ceramic fibre products; blankets, boards, modules and other insulation products to adhere them to bricks, cement or metalwork. Examples include lining the sides of a forge and insulating an outdoor oven.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	12

VITCAS® FIREPLACE CLEANER



For cleaning fireplaces, barbecues, ovens and grills. Removes even difficult, greasy and burnt on stains as well as soot from bricks and black marks from hearths. Spray onto a cold surface, leave for a few minutes and wipe off with a damp cloth. Repeat for stubborn stains.

PACK	SIZE	UNIT PER CASE
Bottle	650 ml	14

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.

PACK	SIZE	UNIT PER CASE
Bottle	650 ml	14

FIREBOARDS, PAINTS & FIRE BRICKS



VITCAS® FIREPLACE CONSTRUCTION BOARDS

Vitcas® Fireplace Construction Boards have high thermal resistance, good thermal insulation and mechanical stability. They can be easily processed with conventional woodworking tools. Used to construct fireplaces and tiled stoves where there is no pre-existing chimney breast, in the centre of a wall or in the corner of a room. Boards are sealed together with Vitcas® Board Adhesive. Resistant to 1100°C. Grey Colour.

PACK	SIZE	UNIT PER CASE
Pallet	1000x610x30mm	Single



VITCAS® VERMICULITE FIREPROOF INSULATION BOARD

Vitcas® Vermiculite Fireproof Insulation board is used as head shield, register plate or replacement fire bricks for wood burning or multi fuel stoves. Resistant to 1100°C. Available in different patterns: Plain, Brick Effect, Reeded.

PACK	SIZE	UNIT PER CASE
Pallet	800x600x25mm	Single



VITCAS® HEAT RESISTANT PAINT-800°C

For surfaces that are exposed to high temperatures up to 800°C, suitable for metals and heat resistant boards. Also resistant to petrol, chemicals and weathering. Available in black, white, cream/beige, red and silver colour.

PACK	SIZE	UNIT PER CASE
Aerosol	400ml	6



VITCAS® VERMICULITE GAS EMBER PACK

Replacement Vermiculite Gas Ember Pack. Spread directly over the burner tray for improved energy efficiency. Resistant to 1100°C.

PACK	SIZE	UNIT PER CASE
Display pack	200g	6



VITCAS® HEAT RESISTANT CONCRETE FIREBACKS & LINTELS

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.

Heat resistant concrete throat forming lintel for use above firebacks

PACK	SIZE	UNIT PER CASE
Pallet	16" (400mm)	Single
Pallet	18" (450mm)	Single



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. Supplied as a dry mix – just add water and mix for a short time.

PACK	SIZE	UNIT PER CASE
Bucket	7.5 Ltr	Single
Bucket	12.5 Ltr	Single



VITCAS® FIRE BRICKS

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.

PACK	SIZE	UNIT PER CASE
Box	230x114x32mm	6
Single	230x114x64mm	Single



VITCAS® COLOURED FIRE BRICKS

Decorative fire bricks with smooth surfaces for use in indoor & outdoor wood fired bread/ pizza ovens, barbecues & fireplaces etc. Refractory to 1200°C. Available in different colours

Black
White
Red
Brown
Yellow

PACK	SIZE	UNIT PER CASE
Box	220x110x30mm	6



VITCAS® COLOURED FIREBRICKS

Vitcas® decorative fire bricks with smooth surface for use in barbecues, pizza ovens and fireplaces both interior and exterior.

Available in different colours

Black
White
Red
Brown
Yellow

	SIZE	PACK
Vitcas Fire Bricks	220x55x40mm	Pallet
Vitcas-Fire Bricks-L	220x55x50mm	Pallet
Vitcas Fire Bricks	220x110x30mm	Pallet



VITCAS® OC OUTDOOR OVEN CEMENT

Vitcas® Outdoor Oven Cement is a pre-mixed dry refractory mortar suitable for jointing fire bricks, jointing Vitcas® Sectional outdoor ovens and for general purpose exterior use with barbecues, pizza and bread ovens, firepits and any other high temperature application. Non-water soluble this is a hydraulic set mortar which does not require heat to cure. Resists washing out when exposed to rain or frost. Temperature resistant to 1200°C.

PACK	SIZE	UNIT PER CASE
Bucket	10 Kg	Single
Bucket	20 Kg	Single



HEAT ACCUMULATION FIREBOARDS

High density ceramic fire boards with a brick pattern for heat accumulation and storage. Easy to fix without wires or framework. These boards can be used around fireplaces and stoves as well as inside them. The boards can eliminate overheating in the room, returning the heat gradually over time. Available in two colours: yellow and white.

SIZE	UNIT PER CASE
500 x 220 x 25 mm	Single
1000 x 500 x 30 mm	Single



VITCAS® HIGH DENSITY CERAMIC 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	UNIT PER CASE
200 x 200 x 360 mm	Single

THERMAL ROPES & TAPES

VITCAS® STOVE FIRE ROPE 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 lengths. Resistant to 550°C.

PACK	SIZE	UNIT PER CASE
Display pack	3mm	12
Display pack	6mm	12
Display pack	8mm	12
Display pack	10mm	12
Display pack	12mm	12
Display pack	15mm	12

VITCAS® STOVE ROPE REPLACEMENT KIT – BLACK



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

PACK	SIZE	UNIT PER CASE
Display pack	6mm	12
Display pack	8mm	12
Display pack	10mm	12
Display pack	12mm	12

VITCAS® SELF ADHESIVE STOVE GLASS TAPE 2 METRES – BLACK



Used as a gasket to seal stove glass windows in stove doors and openings. Resistant to 550°C.

PACK	SIZE	UNIT PER CASE
Display pack	10mm x 2mm (Black)	12
Display pack	15mm x 2mm (Black & White)	12
Display pack	25mm x 2mm (White)	12

VITCAS® WHITE STOVE THERMAL TAPE



Stove window gaskets fibreglass tape. Designed to replace the seal around the windows in the frame of a woodstove, coal stove or fireplace insert stove door. Remove the glass from the door, clean it, encase the edges with the tape and screw back into the frame. Withstands temperatures to 550°C.

PACK	SIZE	UNIT PER CASE
Display pack	40mm x 2mm	12

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 1000°C. Available in two colours: White and Black

PACK	SIZE	UNIT PER CASE
Bottle	30 ml	30
Bottle	125ml	12

VITCAS® THERMAL TAPES

Vitcas® Thermal Tape is manufactured from textured glassfibre yarn and is used for sealing glass window panels into stove doors. Rated to 550°C. Available in self adhesive and plain types.

To be used with Vitcas® Stove Rope Adhesive.

PACK	SIZE	UNIT PER CASE
Coil	10mm x 2mm (Black)	Single
Coil	15mm x 2mm (White & Black)	Single
Coil	25mm x 2mm (White)	Single
Coil	40mm x 2mm (White)	Single

VITCAS® STOVE FIRE ROPE 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 lengths. Resistant to 550°C.

PACK	SIZE	UNIT PER CASE
Display pack	6mm	12
Display pack	8mm	12
Display pack	10mm	12
Display pack	12mm	12

VITCAS® STOVE ROPE REPLACEMENT KIT – WHITE



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

PACK	SIZE	UNIT PER CASE
Display pack	3mm	12
Display pack	6mm	12
Display pack	8mm	12
Display pack	10mm	12
Display pack	12mm	12

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.

PACK	SIZE	UNIT PER CASE
Display pack	20mm	12
Display pack	25mm	12

VITCAS® LADDER TAPE



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.

PACK	SIZE	UNIT PER CASE
Display pack	25mm x 3mm	12

VITCAS® SQUARE GLASS FIBRE PACKING ROPE



Used in different textile industries, these ropes have no any kind of hazard to health of the user. Glass ropes are also used for seal and gasket applications. These ropes have resistant to flame and chemical. Fiber glass ropes are widely used in boilers, ovens, furnace and for other thermal insulation purpose.

PACK	SIZE	UNIT PER CASE
Coil	6mm x 6mm	Single
Coil	8mm x 8mm	Single
Coil	10mm x 10mm	Single
Coil	12mm x 12mm	Single
Coil	15mm x 15mm	Single
Coil	20mm x 20mm	Single

VITCAS® FIRE ROPE SEALS



Vitcas® Fire 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. To be used with Vitcas® Rope Adhesive.

PACK	SIZE	UNIT PER CASE
Coil	3mm	Single
Coil	6mm	Single
Coil	8mm	Single
Coil	10mm	Single
Coil	12mm	Single
Coil	15mm	Single
Coil	20mm	Single

THERMAL ROPES, TAPES & TEXTILES



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 blanket which is contained in a glass fibre cloth outer. Total thickness of Vitcas Flue Insulation Wrap is just 12mm, resistant to 550°C 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

PACK	SIZE	UNIT PER CASE
Box	125 - 200mm x 1Mtr	Single



VITCAS® HOSE & CABLE SLEWING PROTECTION

Twill braided glass fibre sleeves.

Examples of Application: Thermal insulation for electric wires, cables, hoses, tubes and hydraulic systems.

PACK	SIZE	UNIT PER CASE
Coil	10mm x 3mm	Single
Coil	15mm x 3mm	Single
Coil	20mm x 3mm	Single

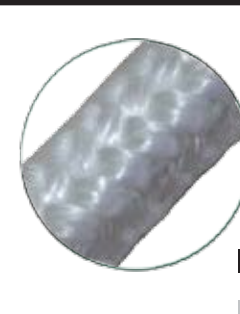


VITCAS® SEWING THREAD

Glass fibre thread coated with PTFE, silica sewing yarn, kevlar sewing yarns.

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.

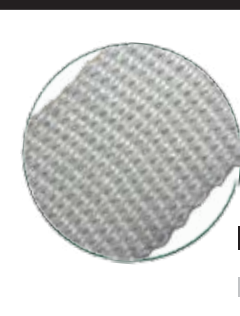
	DIAMETER	UNIT PER CASE
Glass fibre PTFE coated	0.38	Single
Silica sewing thread	0.46	Single



VITCAS® CERAMIC PACKING SQUARE & RECTANGULAR

Examples of Application: Door seals for ovens, furnaces, boilers and kilns in foundries, aluminium works, shipyards, power stations and petrochemical plants.

PACK	SIZE	UNIT PER CASE
Roll	30mm x 30mm	Single
Roll	20mm x 40mm	Single



VITCAS® CERAMIC TAPE

Examples of Application: Protective insulation cover for cables and pipes. Expansion joints and high temperature seals and gaskets.

PACK	SIZE	UNIT PER CASE
Coil	50mm x 3mm	Single
Coil	75mm x 3mm	Single
Coil	100mm x 3mm	Single



VITCAS® ALUMINIUM FOIL TAPE

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

PACK	SIZE	UNIT PER CASE
Roll	50mm	1



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 650°C.

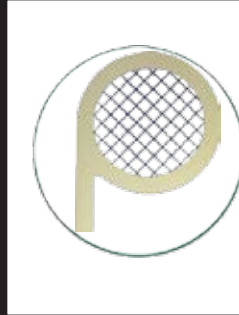
PACK	SIZE	UNIT PER CASE
Coil	20mm	Single
Coil	25mm	Single
Coil	30mm	Single
Coil	40mm	Single
Coil	50mm	Single



VITCAS® HIGH TEMPERATURE CLOTHS

Acrylic coating fibreglass 0.45mm X 1Mtr (550°C)
Aluminium Foil E-glass 1.5mm X 1Mtr (550°C)
Graphite fibreglass 1.5mm X 1Mtr (750°C)
E-glass loomstate cloth 1.5mm X 1Mtr (550°C)
Vermiculite fibreglass cloth 1.4mm X 1Mtr (1000°C)
Glass needlet felt 10mm X 1Mtr (550°C)
Silica84 cloth 910mm X 0.7mm (1200°C)
Silica88 cloth 910mm X 1.3mm (1200°C)
Ceramic Fiber Cloth 2mm X 1Mtr (1200°C)

PACK	LENGTH	UNIT PER CASE
Coil	50 Mtr	Single



VITCAS® TADPOLE TAPE P-SECTION

Tadpole tape sometimes called 'P-Section' is a rope core wrapped in a sewn edged glass fibre cloth which also forms the tail.

Examples of Application: Gasket or seal on oven doors, stove doors and gate valves.

PACK	SIZE	UNIT PER CASE
Coil	3 x 3 x 30 mm	Single



VITCAS® CERAMIC FIBRE SEALING STRIP

Provides an airtight seal between the panels of the stoves

PACK	SIZE	UNIT PER CASE
Coil	6mm x 3mm	Single
Coil	10mm x 4mm	Single



VITCAS® ELCTRO-THERMAL TAPE

Vitcas Electro-thermal tape for transformers, electric motors and coils. Resistant to 300°C

PACK	SIZE	UNIT PER CASE
Roll	30mm	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.

PACK	SIZE	UNIT PER CASE
Roll	5mm x 5mm	Single

VITCAS® SYSTEM INHIBITOR



Vitcas® 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.

PACK	SIZE	UNIT PER CASE
Bottle	1 Ltr	12

VITCAS® LEAK SEALER



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.

PACK	SIZE	UNIT PER CASE
Bottle	1 Ltr	12

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.

PACK	SIZE	UNIT PER CASE
Bottle	1 Ltr	12

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.

PACK	SIZE	UNIT PER CASE
Bottle	1 Ltr	12

VITCAS® 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. 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.

PACK	SIZE	UNIT PER CASE
Tub	400ml	20



VITCAS® CONCENTRATED SYSTEM INHIBITOR



Protects against corrosion and limescale formation to maintain system efficiency. Suitable for mixed metal systems including aluminium. 1 tube treats 100 litres.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	5

VITCAS® CONCENTRATED LEAK SEALER



Internal leak sealer for small inaccessible leaks and weeping joints which reduce system pressure. Effective within 1-24 hours. 1 tube treats 100 litres.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	5

VITCAS® CONCENTRATED SYSTEM CLEANER



Disperses sludge, limescale and system debris. Restores circulation and improves heating efficiency. 1 tube treats 100 litres.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	5

VITCAS® CONCENTRATED BOILER NOISE SILENCER



Reduces boiler noise, eliminates kettling and restores heat transfer efficiency. Suitable for all boiler types. Compatible with all Vitcas additives. 1 tube treats 100 litres.

PACK	SIZE	UNIT PER CASE
Cartridge	310ml	5

VITCAS® PTFE LIQUID



Pipe jointing liquid for use with metal threads. Suitable for hot and cold water, gas and compressed air systems. Cures quickly for a maximum gap of 0.3mm.

PACK	SIZE	UNIT PER CASE
Bottle	50g	12

VITCAS® INHIBITED ANTIFREEZE



Glycol based closed-loop central heating antifreeze with corrosion and scale inhibitors. Non-toxic and non-volatile. Suitable for use with steel, stainless steel, brass, copper, aluminium and all plastics commonly used in heating system construction. BuildCert Approved. Dosage 25 litres per 100 litre system.

PACK	SIZE	UNIT PER CASE
Bottle	5 Ltr	3

REFRACTORY MATERIALS & CERAMIC FIBRE INSULATION



VITCAS® CERAMIC FIBRE BLANKET

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 to 1600°C. Refractory ceramic fibre blanket has the heat resistance of a hard refractory with five times better insulation value.

PACK	SIZE	AREA PER ROLL (m ²)	UNIT PER CASE
Box	14640x610x13mm	8.93	1
Box	7320x610x25mm	4.46	1
Box	3600x610x50mm	2.20	1



VITCAS® CERAMIC FIBRE BOARD

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.

PACK	SIZE	UNIT PER CASE
Box	1200x1000x25mm	4
Box	1200x1000x50mm	2



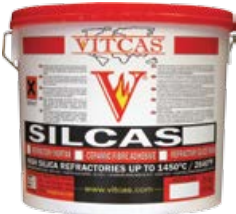
VITCAS® CFR CERAMIC FIBRE RIGIDISER

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

PACK	SIZE	UNIT PER CASE
Bottle	5 Ltr	Single



VITCAS® SILCAS M SILICA MORTARS

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

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.

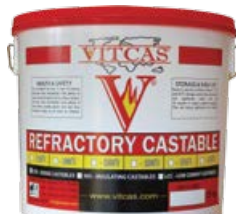
PACK	SIZE	UNIT PER CASE
Bucket	25 kg	Single



VITCAS® VITSET 45 HIGH ALUMINA REFRACTORY MORTAR

Ready for use, air setting refractory mortar in a consistency suitable for trowelling and patching. It forms a strong air-dried bond with all grades of refractory bricks. It can be supplied in a thinner consistency for dip joints, coating and spraying. Vitset 45 is specially prepared to avoid settling out in the mortar box and to give maximum water retention for application to the more porous insulating bricks, for use up to service temperatures of 1700°C

PACK	SIZE	UNIT PER CASE
Bucket	5 kg	Single
Bucket	25 kg	Single



VITCAS® 1600 & 1700 REFRACTORY CASTABLES

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

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.

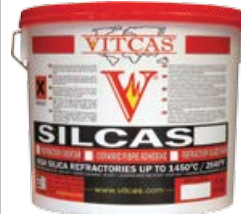
PACK	SIZE	UNIT PER CASE
Bucket	25 kg	Single



VITCAS® CERAMIC FIBRE PAPER

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.

PACK	SIZE	AREA PER ROLL (m ²)	UNIT PER CASE
Box	50000x610x1mm	30.5	1
Box	30000x610x2mm	18.3	1
Box	20000x610x3mm	12.2	1
Box	10000x610x5mm	6.1	1



VITCAS® SILCAS CFA CERAMIC FIBRE ADHESIVE

Silcas CFA - Ceramic Fibre Adhesive to use to stick modules and laminates to brickwork or metal. The cement is stodgy and is painted onto the refractory or steel surface not the ceramic fibre. Minimum movement is achieved – i.e. no sliding of the modules.

PACK	SIZE	UNIT PER CASE
Bucket	5 kg	Single
Bucket	25 kg	Single



VITCAS® PREMIUM 1P SEALING COMPOUND

Vitcas® Premium 1P is a sealing 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

PACK	SIZE	UNIT PER CASE
Bucket	10 kg	Single



VITCAS® IFB INSULATION FIREBRICKS

Insulation firebricks have low thermal conductivity and low heat storage properties. They may be used as the hot face layer or as backing insulation for dense bricks. Range from Grade 23 to Grade 30. (1260°C -1600°C)

PACK	SIZE	UNIT PER CASE
Pallet	230x114x76mm	-



VITCAS® ZIRCON PAINT COATING

Zircon refractory coatings. 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. In the aluminium foundry industry due to the non wetting properties, skulls are not formed as frequently and when they do form they are easily removed between heats. There is also some evidence that zircon helps with corundum build up. Maximum service temperature 1750°C /3180°F

PACK	SIZE	UNIT PER CASE
Bucket	2.5 Ltr	Single



VITCAS® HIGH STRENGTH CEMENT RAPIDCAS N20

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.

PACK	SIZE	UNIT PER CASE
Bucket	25 kg	Single



TRADITIONAL WOOD-FIRED BREAD & PIZZA OVENS



VITCAS® CASA PIZZA OVEN

Vitcas® Casa Wood Fired Pizza Oven is made by hand from high quality refractory material.

Internal Size: 370mm x 600mm x 400mm high

No of pizzas: 1-2 at a time.



VITCAS® DOUBLE CASA PIZZA OVEN

Vitcas® Double Casa Wood Fired Pizza Oven is made by hand from high quality refractory material.

Internal Size: 860mm x 600mm x 400mm high

No of pizzas: 3-4 at a time.



VITCAS® BRICK OVEN OUTDOOR PIZZA OVEN

Vitcas Wood Fired Brick Ovens are manufactured from high quality refractory cement and special fire clay bricks covered with insulating material. Available in three sizes:

Vitcas Brick S
Internal Size: 600mm x 600mm x 350mm high

Vitcas Brick M
Internal Size: 850mm x 850mm x 450mm high

Vitcas Brick L
Internal Size: 1000mm x 1000mm x 500mm high



VITCAS® WOOD FIRED BREAD/PIZZA OVEN

Vitcas® Wood Fired Pompeii series ovens are manufactured from high quality refractory material with four size options while retaining the simplicity of construction. They come in sections which are sealed together using the heat resistant silicone supplied.

Internal Sizes:

- Pompeii 80: 800mm x 800mm x 400mm high
- Pompeii 100: 800mm x 1000mm x 400mm high
- Pompeii 120: 800mm x 1200mm x 400mm high
- Pompeii 140: 800mm x 1400mm x 400mm high

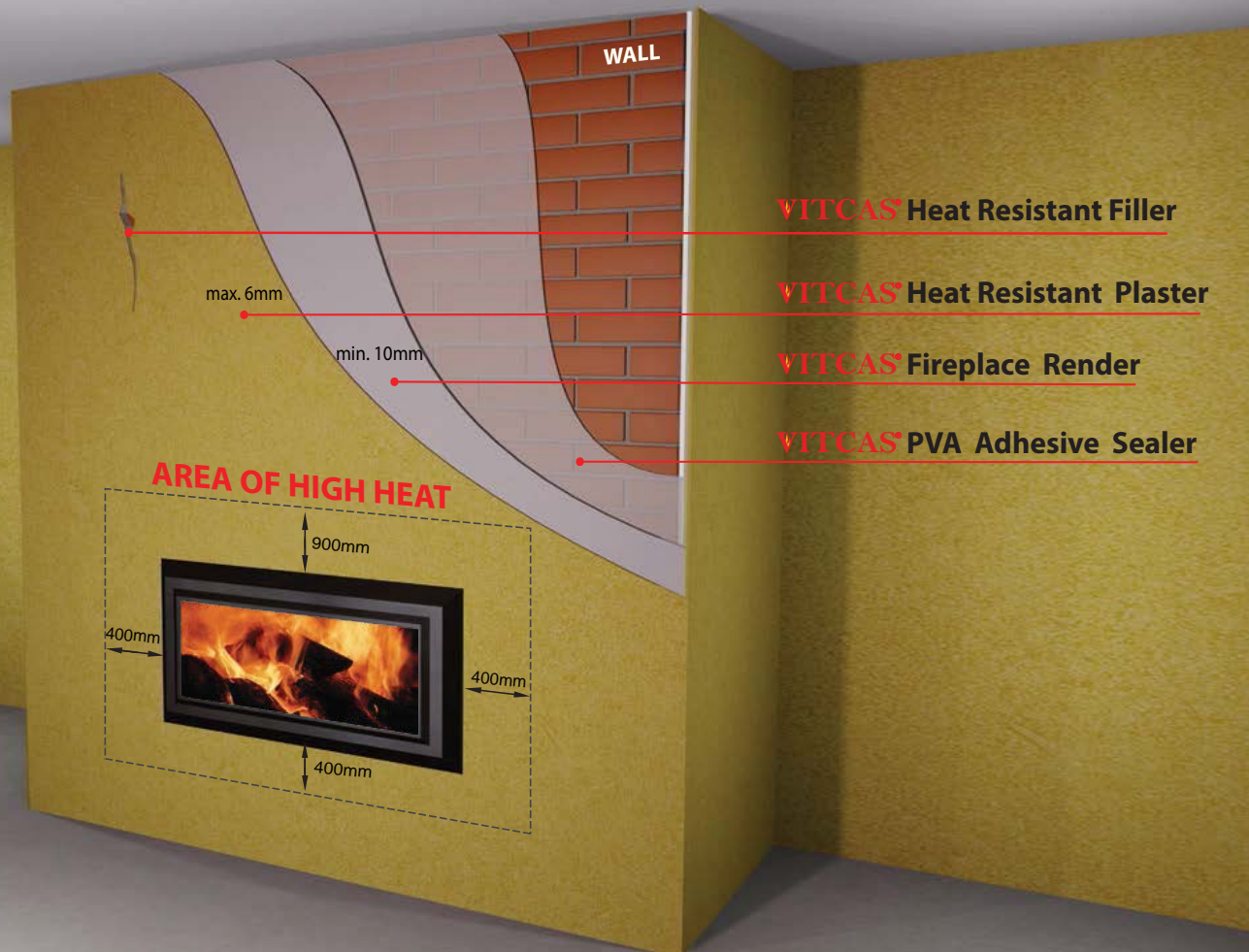
ACCESSORIES

<p>Pizza Oven Tapered Pan</p>	<p>Pizza Oven-Square Pan 10"</p>	<p>Pizza Oven Brush/Scraper-Vitcas®</p>	<p>Pizza-Bread Oven Peel</p>	<p>Wooden Pizza Oven Peel-Vitcas®</p>
<p>Vitcas® Pizza-Bread Oven Probe Thermometer</p>	<p>Oven Freestanding Thermometer</p>	<p>Pizza-Bread Oven Thermometer</p>	<p>Stainless Steel Parts</p>	<p>Metal Chimney Cowl</p>
<p>Pizza & Bread Oven Door with Heat Resistant Glass & Thermometer 500°C</p>	<p>Pizza & Bread Oven Door with Thermometer 500°C</p>	<p>Vitcas® Heat Resistant Gloves for Pizza Oven, Stoves, Fires, BBQ</p>	<p>Chimney/Flue damper for building into traditional pizza & bread oven</p>	<p>Vitcas® Outdoor Oven Protective Cover</p>

CASSETTE STOVE - Vitcas® High Temperature Plasterboard & Plaster System



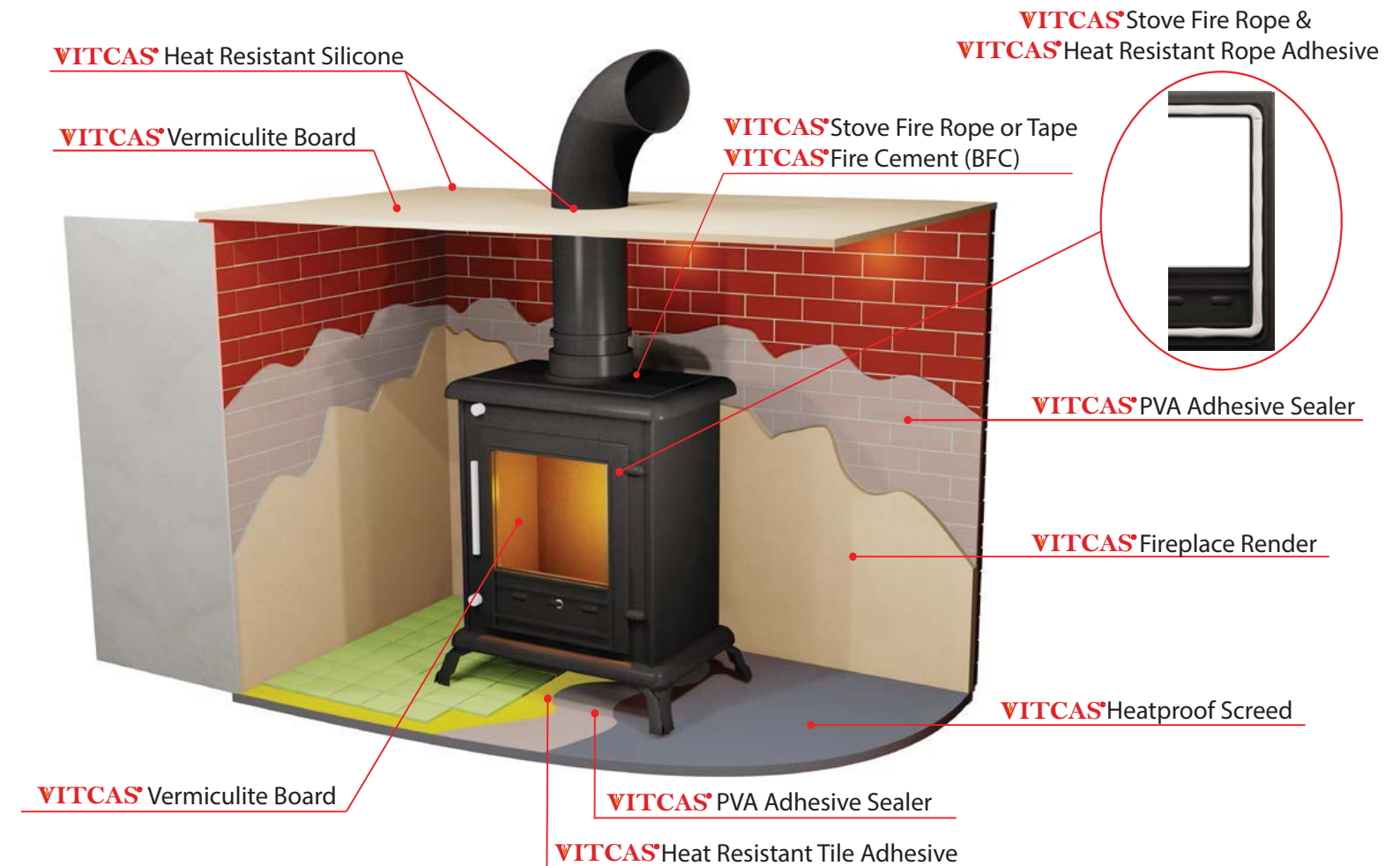
CASSETTE STOVE - Vitcas® Fireplace Render & Plaster System



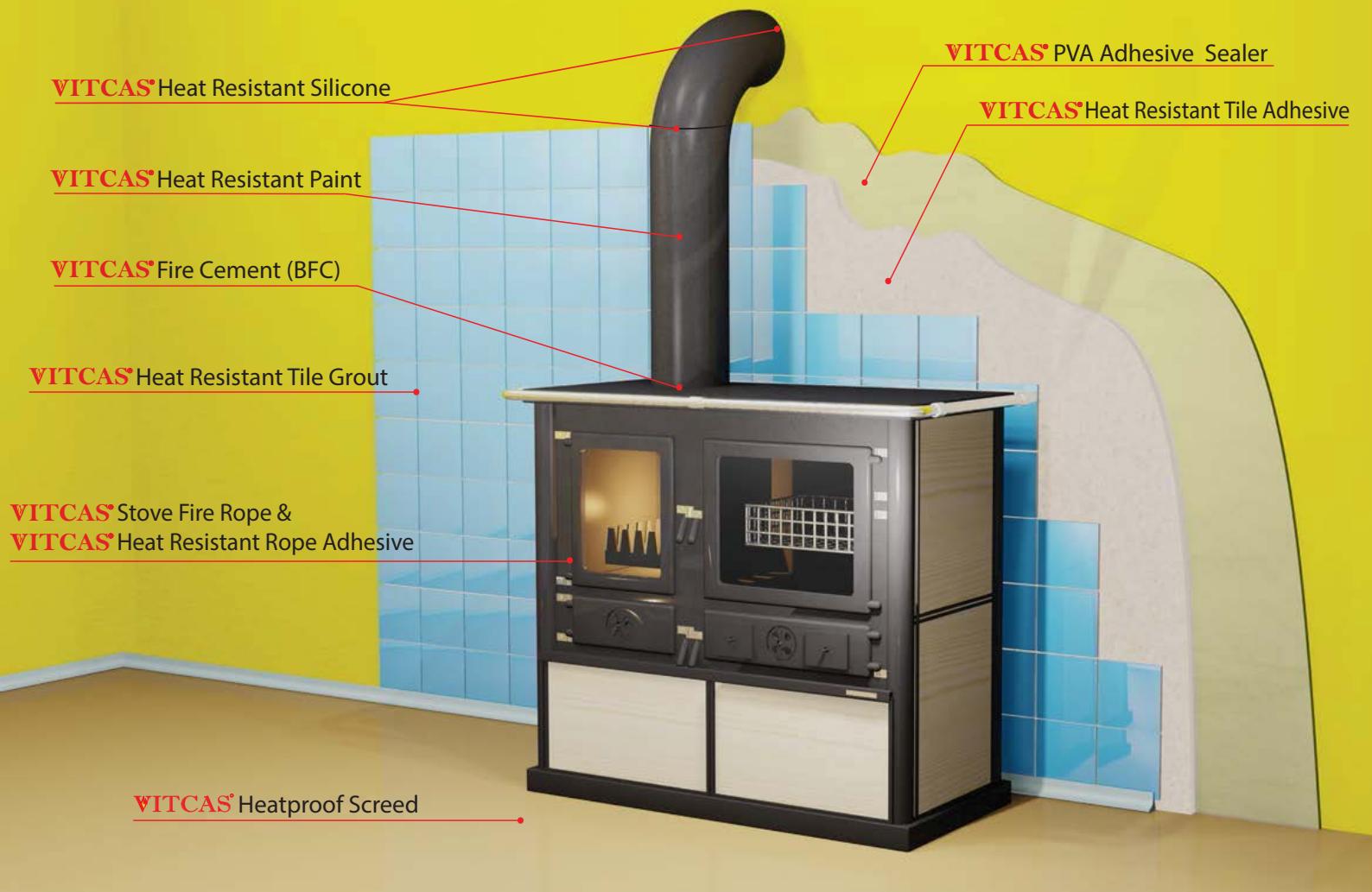
FREESTANDING STOVE AGAINST THE WALL



FREESTANDING STOVE IN RECESS



RANGE COOKER



VITCAS Heat Resistant Silicone

VITCAS Heat Resistant Paint

VITCAS Fire Cement (BFC)

VITCAS Heat Resistant Tile Grout

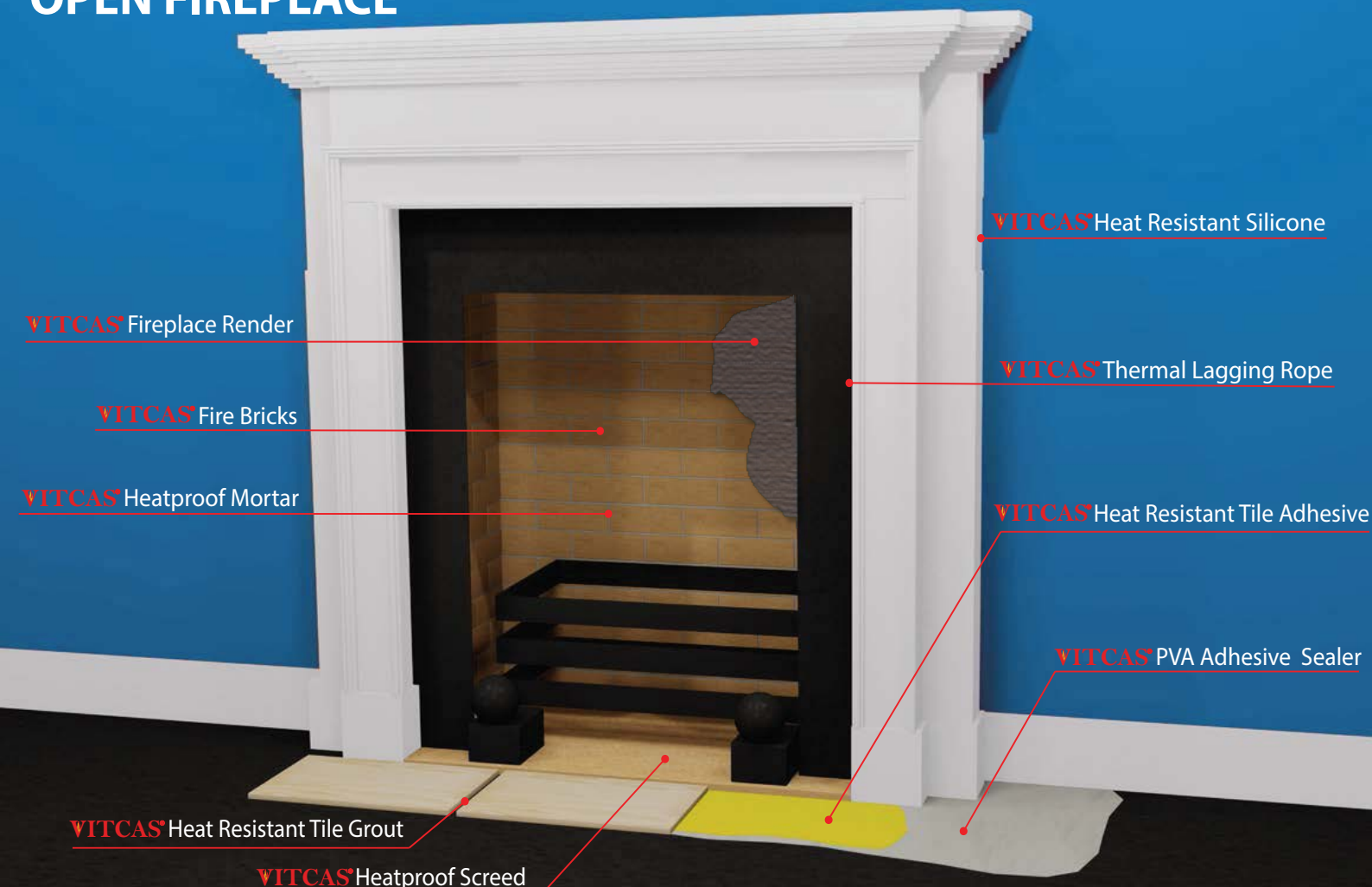
VITCAS Stove Fire Rope &
VITCAS Heat Resistant Rope Adhesive

VITCAS Heatproof Screed

VITCAS PVA Adhesive Sealer

VITCAS Heat Resistant Tile Adhesive

OPEN FIREPLACE



VITCAS Fireplace Render

VITCAS Fire Bricks

VITCAS Heatproof Mortar

VITCAS Heat Resistant Tile Grout

VITCAS Heatproof Screed

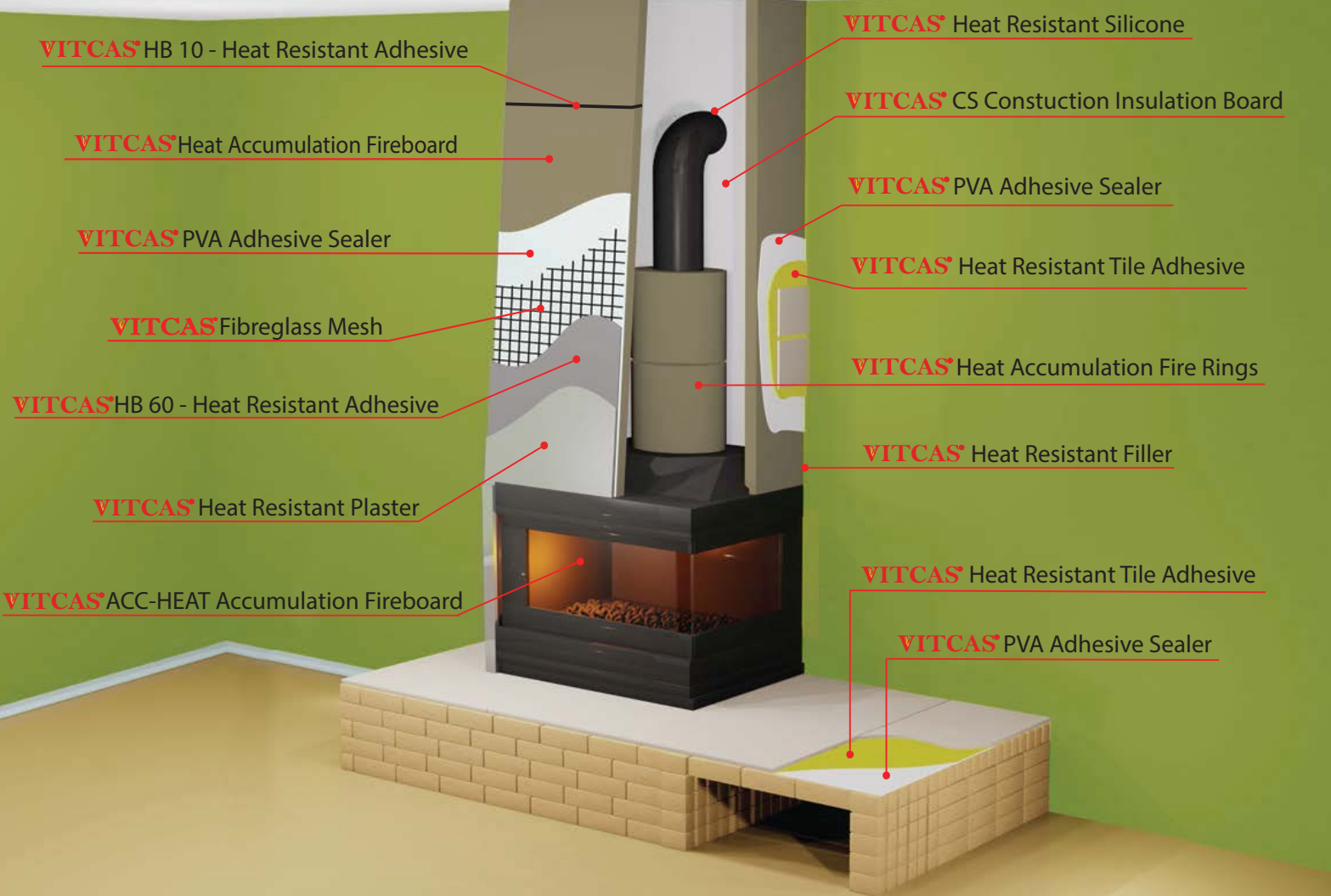
VITCAS Heat Resistant Silicone

VITCAS Thermal Lagging Rope

VITCAS Heat Resistant Tile Adhesive

VITCAS PVA Adhesive Sealer

HEAT ACCUMULATION SYSTEM



VITCAS HB 10 - Heat Resistant Adhesive

VITCAS Heat Resistant Silicone

VITCAS Heat Accumulation Fireboard

VITCAS CS Constuction Insulation Board

VITCAS PVA Adhesive Sealer

VITCAS PVA Adhesive Sealer

VITCAS Fibreglass Mesh

VITCAS Heat Resistant Tile Adhesive

VITCAS HB 60 - Heat Resistant Adhesive

VITCAS Heat Accumulation Fire Rings

VITCAS Heat Resistant Plaster

VITCAS Heat Resistant Filler

VITCAS ACC-HEAT Accumulation Fireboard

VITCAS Heat Resistant Tile Adhesive

VITCAS PVA Adhesive Sealer

CASSETTE STOVE - CONSTRUCTION SYSTEM



VITCAS PVA Adhesive Sealer

VITCAS CS Constuction Insulation Board

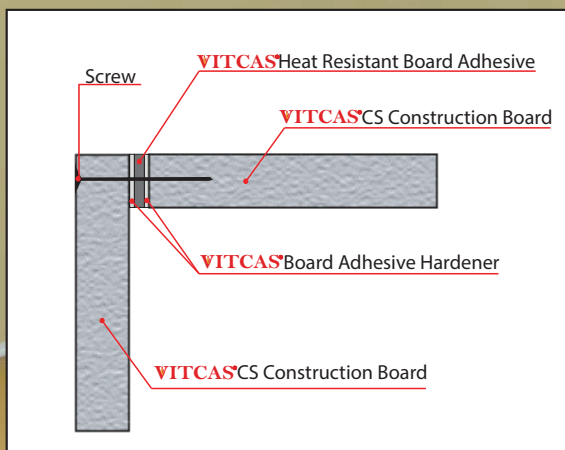
VITCAS Heat Resistant Plaster

VITCAS Board Adhesive Hardener

VITCAS Vermiculite Board

VITCAS Board Adhesive

VITCAS HB 60 - Heat Resistant Adhesive



Screw

VITCAS Heat Resistant Board Adhesive

VITCAS CS Constuction Board

VITCAS Board Adhesive Hardener

VITCAS CS Constuction Board

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