

Vitcas Heat Resistant Plaster

A high temperature smooth finish render. Protection up to 650°C Vitcas Heat Resistant Plaster is a replacement material for gypsum plaster where the temperatures are too high for gypsum plaster to stay on the wall. For use around the opening of cassette fireplaces (sometimes called hole in the wall fires) and adjacent to wood burning stoves and range cookers where the area of the wall is subjected to intense heat.

The procedure for mixing and applying Heat Resistant Plaster is NOT the same as for ordinary Gypsum Plaster.

Preparation:

The plaster should be used in the areas subject to intense heat approx. 3m² around the fire opening. The plaster can only be applied onto Vitcas Fireplace Render or onto Vitcas High Temperature Plasterboards. We recommend rendering and plastering the whole chimney breast with Vitcas Render & Plaster System. The maximum recommended thickness of the material is 6mm. If applying onto Vitcas Fireplace Render it is important to ensure that the Vitcas Fireplace Render is fully dried prior to applying Vitcas Heat Resistant Plaster. The Vitcas Fireplace Render should be left to dry for at least 3 days in temperatures above +20°C and for longer if moisture is still present as apparent by the colour of the material. If possible, apply heat after day one i.e. light the fire or use another type of heater. If applying onto Vitcas High Temperature Plasterboard, then the boards should be fixed with the rough reverse face exposed for plastering. In both cases the area to be covered should be prepared by coating with undiluted PVA Adhesive Sealer. Plastering should commence when this PVA becomes tacky.

Application:

The material should be mixed with cold tap water to a useable consistency with a plaster mixer / drill attachment. There should be no traces of ordinary Portland cement or gypsum plaster on the tools or in the mixing buckets. It is best to mix the plaster in the bucket in which it is supplied.

Take care not to mix the material too wet. As a guide the amount of water required is approximately 200 ml per kilo of plaster.

A thickness of approx. 3-6mm should be applied. It is important that the plaster is applied evenly i.e., no feathered edges. The plaster should be first applied so that the surface is flat but not necessarily smooth. After 15 to 20 minutes the surface should be trowelled up smooth. The surface finish must be obtained during flotation with the trowel because the material cannot be sanded when dry due to the surface being dense and non-porous. It is possible to re-coat the material with PVA and reskim after the plaster has dried if a second coat is necessary for any reason. When dry the finished surface forms a very hard heat resistant surface that can be painted over as required. Vitcas Heat Resistant Plaster must be allowed to air dry for at least 3 days before lighting fire.

Storage:

Keep any unused material dry and store in a cool dry place away from children and pets. Warning: Do not breathe the dust. In case of contact with skin and eyes rinse immediately with plenty of water and seek medical advice. After contact with skin, wash with water. Wear suitable gloves and eye face protection. Keep out of reach of children.

Disclaimer:

These instructions and recommendations define the material and the method of use but cannot be considered as a substitute for the skills, training and qualifications of the contractor.

In addition to these recommendations, the requirements of the building regulations, the recommendations of the appliance manufacturer and general health & safety considerations may be applicable.

Vitcas Ltd guarantees the quality of the products but has no control over the way in which the products are used. If there is any doubt the customer is advised to carry out his own trials of the materials before starting the work.

Colour:	Light Grey
Coverage:	2m ² / 20kg at 6mm
Indoor/Outdoor:	Yes
Temperature:	650°C /1200°F
Drying Time:	72h / +20°C
Working Time:	20 minutes
Water addition	200ml / 1kg