

BRITCHEM FR20 FIRE RESISTANT ABLATIVE COATING – PAINT

DESCRIPTION

BritChem FR20 Fire Resistant Ablative Coating - Paint is a white, halogen free, water based emulsion polymer coating that is designed for coating mineral fibre batts used for fire stopping systems. It can also be applied as a final coat over joints, pipes, cables etc after the mineral fibre batts have been installed. The coating dries quickly and provides a durable finish. Easily applied by airless spray or brush.

SPECIFICATION COMPLIANCE

When dried the coated batts will provide over 2 hours fire resistance when tested according to BS476 Part 20 & EN1366-3.

APPLICATIONS

Pre - Coating mineral fibre batts.
Finishing of fire stopping installations of service penetrations in walls and floors.

LIMITATIONS

BritChem FR20 is not suitable for areas of constant water immersion.

TECHNICAL DETAILS

Tack free time:	Approx. 60 minutes depending on temperature and humidity.
Drying time:	< 12 hours for a 2mm thick film at 65% RH and 20°C.
Temperature resistance:	-20°C to +80°C
Paintability:	With most paints.
Application temperature:	+5°C to 40°C
Cleaning:	Uncured sealant with water.
Shelf life:	Min. 12 months when stored in unopened containers as recommended.
Specific gravity:	1.35 – 1.45
Colour:	White - other colours subject to minimum quantity.

APPLICATION INSTRUCTIONS

All surfaces must be clean, dust and frost free.

PRE-COATED BATTs: apply BritChem FR20 Fire Resistant Ablative Coating - Paint inside and around the edges of the service opening and to the pipes, cables, tray etc up to 100 mm from the edge of the opening.

Cut the fire batt to size and coat any cut edges. Joints can be sealed with BritChem FR acrylic sealant.

UN-COATED BATTs: after installation of the fire batts as described above, apply a generous coating of BritChem FR20 Fire Resistant Ablative Coating - Paint to the entire surface of the fire batt.

SPRAYING: the coating can be spray applied for the finishing of mineral wool slab. A finished dry coat thickness of 1mm is recommended. This is best achieved by applying 2 coats at the rate of 1ltr/m². An airless spray with a nozzle tip of approx. 0.020 inch is recommended.

Several suppliers of airless spray equipment are available e.g. Graco or Airlessco, who can specify a package of equipment.

After use clean all equipment with warm water.

COVERAGE

1m² /litre at a wet thickness of 1mm.

AVAILABLE PACK SIZES

BritChem FR20 Fire Resistant Ablative Coating - Paint can be supplied in 5, 10, 15 and 19 litre pails or 200 litre open top drums.

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STORAGE

Store in cool dry conditions. **PROTECT FROM FROST.**

HEALTH AND SAFETY

Safety Data Sheets (SDS) available upon request. The SDS provides information and advice on the safe handling, storage, disposal of chemical products, physical and other safety-related data.

KEEP AWAY FROM CHILDREN AND ANIMALS.

FURTHER INFORMATION

The information given in this product data sheet is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.



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