



constructive solutions

Decofill

Fast setting flexible acrylic sealant

Uses

- Wall / ceiling angles, cornices
- Door and window frame surrounds
- Fitted furniture
- Skirtings
- Staircases
- Replacement window installations

Advantages

- Easy to apply and finish
- Excellent adhesion to most building materials
- Fast setting
- Non-staining
- Flexible seal
- Can be over painted or papered

Description

Decofill acrylic sealant is a white acrylic based gap filler in paste form for application from a cartridge. It is very quick and easy to apply and can be finished or smoothed off with a spatula or a damp sponge. It sets quickly on application and will accept paint or wallpaper finishes.

Typical uses for Decofill acrylic sealant are gaps between skirtings, window and door frames, fitted furniture units and ceiling cornices and adjacent plaster work. Where replacement windows are installed Decofill acrylic sealant can be used to make good between new frames and interior plaster work.

Design criteria

Joint size

Decofill acrylic sealant is primarily applied as a triangular fillet into angles. Gaps up to 25mm wide can be filled using Decofill acrylic sealant without slumping although the larger volume of compound will take longer to set and will give some shrinkage on setting, forming a concave surface.

Properties

Form	: Paste
Solids content	: 85%
Density at 25°C	: 1.70 kg/litre

Colour	: White
Physical or chemical change	: Curing by loss of water
Application temp.	: 5°C-40°C
Skinning time	: 15-45 minutes dependent on thickness, ambient temperature and humidity.
Cure rate	: 3-5 days depending on thickness, ambient temperature and humidity.
Water immersion	: Will resist water when cured but not suitable for immersed joints
Typical hardness Shore 'A'	: 30
MA F	: $\pm 10\%$

Specification clause

The flexible filler for interior gaps and cracks, shall be Decofill acrylic sealant, which shall exhibit excellent adhesion to most building materials and compatible for application over walls/ceiling cornices, door and window frame surrounds, fitted furniture, skirtings, staircase, etc., easily applied and finished. It shall be fast setting, non-staining, and form a flexible seal, which can be over painted or papered just after 8 hours at 30°C. Cured Decofill acrylic sealant shall have a Shore 'A' hardness of about 30, and resist water. It shall fully cure by loss of water. It shall have a solids content minimum of 80% and maximum density of about 1.7 kg/litre at 25°C and shall be easily applied with the help of a sealant gun.

Application instructions

Preparation

Surfaces shall be clean, dry and free from grease. Decofill acrylic sealant adheres to most materials common in the building industry including concrete, brickwork, plaster, wood and glazed tiles.

Priming is not normally required. Decofill acrylic sealant should not be used in poorly ventilated spaces or in prolonged high humidity conditions.

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On very porous surfaces priming is advised. A suitable primer can be made by diluting and mixing thoroughly one part of Decofill acrylic sealant with two parts of water. Apply by brush and allow to dry.

Cut the conical tip of cartridge end thread. Screw on nozzle, cut the nozzle at 45° to required size and fit into a sealant gun.

Extrude sealant directly into joint ensuring complete contact with joint faces.

Tool the sealant off within 15 minutes of application using a scraper or tooling stick dipped in clean plain water. Where a particularly neat finish is required, use masking tape along the joint edges. Remove immediately after tooling.

Painting and wallpapering

Decofill acrylic sealant can be painted or where necessary papered, allow at least one hour after finishing, with overnight drying times recommended to allow for any drying shrinkage. For painting, use any conventional emulsion paint. Oil paints may also be used, provided the sealant has been fully cured. Note that paint or paper should not be applied over moving joints, as they will restrict movement with possible damage to the paint, paper or sealant.

Cleaning equipment

Use a damp cloth to clean the neighbouring surfaces. Tools may be cleaned in water.

Limitations

Decofill acrylic sealant is not recommended for exterior applications

Estimating

Packaging

Decofill acrylic sealant is supplied in cartons containing 25 cartridges, of 310ml each.

Storage

12 months minimum in original containers in cool, dry conditions. Store above 0°C to prevent damage by frost.

Precautions

Health and Safety instruction

There are no health hazards associated with Decofill acrylic sealant in normal use. However with any material, good hygiene practices should be followed, i.e., keep out of eyes, do not consume, keep away from children and pets and wash hands thoroughly after use.

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