

PENTENS 607 Silicone

Acrylic Cure Silicone Sealant

Product Data Sheet

Description

PENTENS 607 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. The inherent flexibility of PENTENS 607 will accommodate the small structural movements between finishes which would otherwise result in recurrent unsightly cracking.

Typical examples of this are gaps between skirtings, window and door frames, fitted furniture units and ceiling cornices and adjacent plasterwork. Where replacement windows are installed PENTENS 607 can be used to make good between new frames and interior plasterwork.

can be used to meet a variety of sealing needs. It cures to silicone rubber and adheres to glass, wood, metal, porcelain, ceramic, painted surfaces, and rubber.

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
- Flexible seal
- Non staining
- Can be over paint or papered

Technical & Physical Data

Foam	Paste
Colour	Transparent, White
Flash point:	Not applicable
Solids content:	Min 80%
Density at 25C:	1.72 kg/litre
Physical or chemical change:	Curing by loss of water
Skinning time:	16 minutes at 24°C and 50% R.H.
Cure rate 20C @65% RH:	2 weeks for total cure of 10 mm bead
Hardness	50-55 Shore 'A' @25°C
Water Absorption	Will absorb water and give some swelling, and the mechanical properties will decrease
Consistency	Thixotropic
Shelf Life & Storage Condition	Have a shelf life of 1 year at dry and cool place
Application Temperature Range	-22°C - +77°C
Packaging	450g/cartridge 25 cartridge/carton

Storage

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

Cleaning

Tools and equipment just can be clean with thinner immediately after use.

Disclaimer. All representations and recommendations set forth are given in good faith and to the best of our knowledge. However due to varying conditions and applications, the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usages. The sale of this product shall be on terms and conditions set forth on Pentens order acknowledgement.

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Application instructions

Preparation

Surfaces shall be clean, dry and free from grease. **PENTENS 607** adheres to most materials common in the building industry including concrete, brickwork, plaster, wood, plastics and glazed tiles. No priming is required.

Cut conical tip off cartridge end thread. Screw on nozzle, cut 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 faces. Remove immediately after tooling.

Painting and wallpapering

PENTENS 607 sets quickly after application and can be painted or wallpapered over approximately 1 to 8 hours, depending on size of crack and quantity of material used. Synthetic emulsion paints may be used.

Important Notes

1. In case of contact immediately flush eyes with water for 15 minutes. Call physician. Material releases acetic acid during cure. Use with adequate ventilation.
2. Apply only to clean, surfaces should be free of surface water and leaks.

Safety

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eyes, wash thoroughly with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using these products.