

UNISEAL 280

Epoxy Polyurethane Joint Sealant

Description

A two component polyurethane sealant characterised by its inbuilt flexibility even at low temperatures, excellent adhesion and resistance to a wide range of chemicals. Available in both Gun and Pouring grades.

Advantages

- Excellent bond strength.
- Good chemical and abrasion resistance.
- Inbuilt flexibility.

Technical Information

Colour:	Grey. Other colours available upon request.
Mixing Ratio:	Only full packs should be mixed.
Pot Life @ 20°C:	65 mins
Pot Life @ 5°C:	2 hours +
Full Cure:	7 days
May be trafficked after 24 hours at 20°C	
Shore Hardness A @ 20°C:	70
Shore Hardness B @ 20°C:	14
S.G. @ 20°C:	1.2

Surface Preparation

All surfaces should be clean, dry, free from oil, grease and chemical contamination. Oil and grease should be removed using Desolve. Concrete surfaces should be free from laitance, this should be removed by either scarifying or etching with Chemclean. If etching with Chemclean, once the reaction has ceased the surface should be thoroughly washed with clean water and allowed to dry.

Mixing

Pouring Grade:

The entire contents of the hardener tin should be added to the base tin and slowly stirred until thoroughly mixed, taking care not to entrain air into the mix. Care should be taken to prevent unmixed material remaining on the side of the tin.

Mixing

Gun Grade:

The entire contents of the hardener tin should be added to the base tin and mixed by a paddle type stirrer until a homogeneous mix is obtained. Care should be taken to prevent unmixed material remaining on the side of the tin.

Priming

Uniseal 280 Pouring Grade does not require a primer. Uniseal 280 Gun Grade should be used in conjunction with Uniseal Primer P2.

Uniseal Primer P2 is a single pack system designed to penetrate porous surfaces and should be allowed to dry prior to the application of the Uniseal 280. Non porous surfaces may not require priming - please consult our technical department for further information.

Application Instructions

Pouring Grade:

The mixed Uniseal 280 should be slowly poured into the joint making sure it reaches the bottom and without trapping air. Joints should be filled slightly proud.

Gun Grade:

The mixed Uniseal 280 should be transferred into suitable application equipment.

Whilst applying the material, even pressure should be maintained to the trigger of the gun with the nozzle moving evenly along the joint. Leave slightly proud and finish with a rounded spatula.

Packaging

Uniseal 280 Pouring Grade is available in 4.00 litre units and Gun Grade in 2.5 litre units.

Uniseal Primer P2 is available in 1 litre cans..

Storage

Uniseal 280 should be stored at normal room temperatures. If stored in cold conditions the containers should be warmed prior to mixing. This will greatly aid the mixing and application procedure. Uniseal 280 should be stored away from foodstuffs and out of the reach of children.

Health & Safety

Uniseal 280, like similar products, is capable of irritating unprotected sensitive skin, we therefore recommend the use of a suitable barrier cream and/or gloves.

Limitations

Do not apply at temperatures below 5°C.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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