



Duroseal 40FC

Duroseal 40FC is polyurethane based one component sealant. Resistance to surface movements.

SPECIFICATIONS

- ◆ Suitable for outdoor usage
- ◆ Medium modulus
- ◆ UV resistance
- ◆ Paint applicable
- ◆ Resistance to different weather conditions (-30°C/+120°C)
- ◆ Perfect adhesion
- ◆ Create smooth surface

TECHNICAL INFORMATION

Color	White, Grey
Density	1,35 gr/cm ³
Shore hardness	30-35
Hardness time	24 hours for 2 mm
Skin formation time	60 minutes
Flexibility	>500%
Max. Joint edge width	4 cm
Shelf life	12 month
Package	600ml sausage

APPLICATION FIELDS

It is used at interior and exterior expansions joints in buildings, all vertical & horizontal dilatations between prefabricate elements in high buildings, towers, terrace dilatations, wood, metal based joints as a joint waterproofing sealant.

EQUIPMENT CLEANING

Wet sealant can be cleaned with ethyl acetate or other suitable solvents. Dry sealant only removed by mechanical applications.

APPLICATION

Surface preparation: the joint edges must be clean, all oil, dust, dirt, and any other materials that may be used before must be removed. Water affects the Duroseal 40FC so joint edges must be dry and Duroseal 40FC must be protected from water unless the chemical hardness occurred. Duroseal 40FC can be applied without primer application. Polyethylene wicks must be used for filling to avoid adhesion of sealant to the bottom of joint edges. This gives ability for two way movement. Wick's diameter should be bigger than 20-25% of joint edge's diameter. Width and deep of the edge should not be less than 5mm. Up to 15mm; the width size of the edge should be equal to its deep size. For wider joint edges, the deep size adjusted to 20-25mm. For hand applications; place the sealant Duroseal 40FC into the gun and inject the sealant into the joint without causing any air bubble.

STORAGE

Kept in sealed drums, storage temperature should be normal room temperature to ensure max shelf life (12 month). Production date is on label. Packages should be storage upward.

HEALTH & SAFETY

If it touches with skin wash with water and soap. Do not use the empty packages for the storage of nutriment.



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