

Crocodile Poly-U Seal

Sealant



Polyurethane Sealant

Crocodile Poly-U Seal is a special one-component polyurethane. It dries when exposed to air and humidity. It is of high quality with new technology and a unique formula that leaves no air bubbles in the material during curing. This product dries quickly and reduces dust. Crocodile Poly-U Seal has excellent adhesion ability to various construction materials. It has no corrosion or oil stains and can be painted over.

Product Features

- One Component, easy to use.
- Non-sagging.
- Can be painted over.
- No oil stains
- No air bubbles when drying.
- Can be used on many surfaces such as cement, wood, and prefabricated concrete panels.
- Highly flexible. It can be used with joints that are moving.

Application

- Suitable for sealing joints between most construction materials for both floor and wall application.
- Suitable for sealing joints of underground tunnels, bridge tunnels, drains, sewage pipes, epoxy floors, and concrete internal walls.

Color : White, Grey



Application Instruction

Substrate preparation

- The surface must be strong, clean, and free from dust, oil stains, rust, curing solution, cement chips, etc.
- The joint size ranges from 3-12 mm in width and 5-10 mm in depth. The width should be greater than or equal to the depth, for better elongation. A bond breaker may be used to adjust the depth/width ratio.
- Masking tape should be used on both sides of the joint to control joint width.

Application

- Cut the tip of the Crocodile Poly-U Seal at a 45-degree angle and load it into a caulking gun. Apply the sealant evenly into the joint groove, ensuring there are no air bubbles.
- Immediately after applying the sealant, smooth and press the sealant into the joint groove to ensure good adhesion and a smooth, attractive surface.
- Clean any excess sealant with a damp cloth or sponge.
- Remove the masking tape while the sealant is still wet, after completing the sealing process.
- Allow the sealant to cure for 48-72 hours before use.

Estimated Coverage

- A joint of 1x1 cm can be sealed with a length of 6.0 meters per 600 ml sausage.

Product information

Physical	Paste
Density (25°C)	1.38 g/cm ³

Recommendation

- For exposure to sunlight, apply a protective covering or paint to extend service life.
- Protect from water or rain within 2 hr. after applying.
- The drying time of the Crocodile Poly-U Seal depends on the size of the groove being filled with putty.
- Grooves should have a width-to-depth ratio of 2:1 for good flexibility.

Caution

- Do not use it in applications where continuous immersion is possible.
- May be harmful to the skin. Wear suitable protectives such as gloves, dust masks, safety goggles, etc.
- In case of contact with the face, wash thoroughly with water and soap. In case of eye contact, rinse with clean water multiple times and seek medical advice immediately.
- Keep out of reach of children



Storage

- It should be kept in a dry and well-ventilated area. Ensure the container is tightly sealed. Avoid storing in hot environments and keep away from direct sunlight
- This product should be stored at a temperature of 5 C-27 C.
- Use within 18 months from the date of manufacturing when kept in sealed condition.

Technical Data

Test Method	Evaluation
Tack Free Time	22 min
Sagging	Non-Sagging
Hardness Shore A	24
Curing Rate	3.6 mm / 24 hr. (depending on weather conditions)
Tensile Strength	0.73 MPa
Elongation at break	700%

* Test results obtained from laboratories under controlled conditions may result in testing results that differ from the actual site conditions due to many factors such as temperature, environment, equipment, and others.

Packing

Net Volume : 600 ml./sausage

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