

Product Data Sheet



ROCKFIX TPO-22

One Component, High Performance, Synthetic Rubber – Polychloroprene Based Contact Adhesive for TPO Membrane Application

Uses:

- Advanced formula for installing fully bonded TPO Roofing & Waterproofing Membranes Systems on a Variety of Substrates
- TPO Membrane Applications on most Porous and Non Porous Surfaces

Product Description

ROCKFIX TPO 22 is a solvent based adhesive that is especially designed and formulated for the installation of Fully Bonded TPO Roofing Systems. **ROCKFIX TPO 22** is solvent based, hence compatibility so some materials need to be verified.

Advantages

- Economical
- Excellent Water and Chemical resistance
- Excellent adhesion & High strength
- Resistant to heat, moisture and detergent
- Developed to be used in Hot and Tropical Weather conditions

Standard Compliance

- ASTM D 903-98 (2010)

Technical Properties

ROCKFIX TPO-22	Typical Values @ Laboratory Conditions
Base Material	Synthetic resin +Poly chloroprene
Color	Transparent Yellow
Viscosity, Cps @25°C, S 3, rpm 20	1,800 – 2,100
Solid Content, % @110°C, 2 hrs	> 20 %
Density, kg/L	Approx.. 0.95
Coverage, m ² /kg	3.0 – 5.0
Wet Film Thickness, mm per coat	0.1 – 0.2
Flash Point, °C	< 10
Service Temp, °C	-20 to +90
Open Time, min	10 - 15
Solubility	Aromatic Solvent
Open Time	0 to 15 minutes

Product Data Sheet

Application

Surface Preparation

The surface should be clean, dry, sound and free from oil, grease and wax contamination or others.

Application

ROCKFIX TPO 22 should be applied on clean, dry, oil-free and sound (To clean surface use power blower or Industrial vacuum) surfaces.

ROCKFIX TPO 22 should not be additionally thinned.

Brush:

Use a clean Paintbrush or Trowel. Uniformly, apply to surface at approx.. rate of 3 to 5 m²/Kg.

Observe the Open Time and assure complete contact is made with applied adhesive.

Bond may be made after observing the evaporation time within 10 to 15 minutes.

Lay the membrane into the adhesive, correctly position it and press down firmly. Be sure to check the back of the membrane to ensure a good adhesive transfer from substrate to membrane is achieved. Roll the membrane approx. 15-30 min. after installation with a roller, if recommended by the membrane manufacturer. Push down raised edges approx. 30-60 min. after installation.

Curing

ROCKFIX TPO 22 is set to tough within 1h after application and Dried Through within 24h.

Limitations

When using other than STAR products in conjunction with STAR primers, sealers, leveling compounds, or adhesives, STAR denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from STAR.

Always test foil and paper facings for acceptable adhesion.

This adhesive will maintain its integrity and performance even when higher levels of moisture are present, it does not qualify as a moisture inhibitor. Not suitable for areas with excessive topical moisture (i.e. melting snow, repeated flooding, pressure washing).

Cleaning

Remove **ROCKFIX TPO 22** from tools and equipment with STAR Solvent before the initial set. Cured material can only be removed mechanically.

Packing & Coverage

ROCKFIX TPO 22 is packed in 15 ltr pails.

Product	Pack Size	Theoretical Coverage
ROCKFIX TPO-22	15 ltr pails	Subject to type of surface and nature of material being bonded 3 – 5 m ² /Kg

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastage.

Shelf Life & Storage:

The original sealed Pail of **ROCKFIX TPO 22** has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

Health & Safety:

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

For detailed information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological, and other safety-related data.



Product Data Sheet

Additional Information:

STAR manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product sections:

1. **Waterproofing Products**
2. **Sealants, Grouts, and Joint Fillers**
3. **Adhesives**
4. **HVAC – Adhesives, Coatings & Sealants**
5. **Flooring Products**
6. **Industrial Adhesives (i.e. Paper Industry)**
7. **Accessories**

STAR Technology provides various technical information such as detailed method statements, specification clauses, application manuals and technical support both in contractors and consultant's offices as well as construction sites.

For further information on these products and systems kindly visit our website or contact your local STAR representative