

PolyRoof F100

Elastomeric Waterproofing Coat

Ver. A1218

DESCRIPTION:

POLYROOF F100 Is one pack roof coating. It provides a flexible waterproof coating with good weather resistance. **POLYROOF F100** has good flexibility and is ideally suited for use over concrete, roof tiles, wood and galvanized steel surfaces and it is applied by brush, Airless spray gun.

POLYROOF F100 is blend of weather and water resistant pigments, fillers and styrene acrylic ester resins.

ADVANTAGES:

POLYROOF F100 offers the following benefits:

- Waterproof coating.
- Allows surface to breath while remaining strongly adhered to the substrate.
- Good solar reflectivity (UV resistant)
- Economical

APPLICATION AREAS:

- Waterproof and protective coat over sprayed PU foam.
- Waterproof coating for sloped and horizontal concrete roofs.
- Waterproof coating over existing terrazzo tiles.
- Waterproof coating over corrugated iron sheets.

APPLICATION PROCEDURE:

Surfaces must be solid and cleaned from any loose particles, grease and oil.

Priming: Primer must be applied over porous and concrete surfaces, dilute

POLYROOF F100 with suitable water

quantity as required (≈ 3 to 4 kg/20kg pail).

Coating: Apply the required coats when the primer coat is getting dry. Multiple coats have to be applied perpendicularly.

All joints and cracks must be treated and reinforced by fiberglass mesh and suitable filling materials.

Let 24 hour at least to apply a coat over dried coat.

It is not recommended to use after direct rain, wait for 48 hours or assure the surface is totally dry to apply.

COVERAGE:

Apply **POLYROOF F100** by spray or roller brush in two coats, at least, and approx. 400 micron per coat to give an approx. consumption of 1.0 – 1.3 m²/kg per coat and may vary according to the surface condition.

HEALTH & SAFETY:

Skin & Eye contact: Avoid prolong contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

Flammability: Nonflammable materials, nonhazardous when dried materials burn.

Disclaimer: we attempt continually to ensure that all information, advices, methods and recommendations noted here in this technical data sheet are accurate. However, because we have no control where and how this product may use or applied, we cannot accept any liability arise from the use of this product.

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Cleaning: POLYROOF F100 is water-borne material; tools can be cleaned by water immediately after use. Dried material can be scraped out mechanically.

SHELF LIFE:

12 month for unopened containers, use old first.

SUPPLY:

20 kg / metal pail / 48 pail / pallet

15 kg / plastic pail / 48 pail / pallet

TECHNICAL SPECIFICATION:

specification	ASTM(Met hod of test code)	POLYROOF Result	WR
Appearance		Thick liquid	
Color		White	
Water permeability	ASTM A3245	– ≈ ZERO	
Solid Cont.%	ASTM-D 1475	60- 65%	
Specific gravity		1.3 +/-0.05 Kg/L	
Curing time	ASTM-C 4125	48 hours	
Viscosity, Brookfield sp:6, speed 20		30000 – 45000 Cps	
Elongation break	ASTM-D 2370-98	> 200%	
Hardness shore A	ASTM-D 2240-05	69	



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