

Dr. Fixit Triflex ProDetail



PMMA BASED LIQUID APPLIED SYSTEM FOR DETAILING AND FLASHING

Description

Dr. Fixit Triflex ProDetail is 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base for specialized detailing and flashing in new construction and repairs.

Dr. Fixit Triflex ProDetail offers a combination of unique physical, mechanical and application properties which cannot be achieved with any other resin like adhesion to majority of building material substrates & waterproofing materials, fast curing, ease of application which makes the product versatile for variety of applications.

Areas of Application

- Metal roof joints & J-Bolt detailing
- Upstands detailing like Pipe penetrations, Skylights, a/c ducts
- Industrial metal gutters waterproofing
- Concrete, metal, pvc and glass junction treatment
- Precast concrete construction joint treatments
- Detailing over PVC, TPO, EPDM, PU, Polyurea, APP waterproofing systems
- Parapet edge flashing
- Internal water bodies like fountains, fish ponds etc
- Many more applications.....

Features & Benefits

- Seamless
- Flexible in low temperatures
- Vapour-permeable
- Fast-curing (rain proof in 30 mins)
- Solvent-free
- Extremely weather-resistant (UV, IR) etc
- Excellent adhesion on critical substrates like pvc,metal,glass etc
- Elastic and crack-bridging
- Mechanically strong and wear-resistant
- Root-resistant according to FLL test methods
- Resistant to media generally present in air and rainwater
- Hydrolysis and alkali resistant
- Fire classification in compliance with DIN EN 13501-1: Class E
- European Technical Assessment according to ETAG 005 with CE mark
- Is a hard roofing product in accordance with the German regional building regulation

Method of Application

1 SUBSTRATE CONDITION AND SURFACE PREPARATION:

- The substrate must be sound, dry and free of loose or adhesion-reducing particles. Ensure that structural measures are taken to prevent moisture penetration of the coating from underneath. Substrate adhesion must be tested on a case-by-case basis.
- During application, the surface temperature must be at least 3 °C above dew point. Below that, a separating film of moisture can form on the surface to be worked on (DIN 4108-5, table 1).



2 APPLICATION OF PRIMER:

- On prepared surface it is recommended to apply recommended Dr. Fixit Triflex primer depending upon type of substrates as mentioned below.
- Dr. Fixit Triflex Cryl primer 222 - Recommended for concrete, APP, SBS Membrane, wood and other porous substrates Primer to be applied at coverage 0.35-0.45 kg/m² using suitable brush/roller. Can be recoated after 25-30 mins at 30°C.
- Dr. Fixit Triflex Metal Primer - Recommended for metals like Stainless steel, MS steel, GI etc. Primer to be applied at coverage 80-100 ml/m² using suitable brush/roller. Can be recoated after 45 mins at 30°C.
- Dr. Fixit Triflex Glass Primer - Recommended for Glass substrates. Primer to be applied at coverage 50-60 ml/m² using suitable brush/roller. Can be recoated after 10 mins at 30°C. It is recommended to clean glass surface before application of primer.
- Dr. Fixit Triflex 610 Primer - Recommended over waterproofing membranes like TPO, FPO, EPDM etc. Primer to be applied at coverage 100-120 ml/m² using suitable brush/roller. Can be recoated after 15 mins at 30°C.

3 WATERPROOFING MEMBRANE:

- After thoroughly mixing the base resin, the corresponding catalyst i.e. Dr. Fixit Triflex Catalyst @ 20 gm/Kg is to be added and mixed with the slow-running mixing machine we get homogeneous mix without lumps. Stirring time at should be 2 min. Once mixed, transfer to another receptacle and mix again. Small amounts can be mixed with a stick.
- Apply 1st coat of Dr. Fixit Triflex Prodetail on prepared substrate consumption @ 2.0 kg/m² using suitable nylon brush or roller. Saturate Dr. Fixit Triflex Fleece while 1st coat is still wet and apply roller to ensure there is no air bubble. Fleece overlap should be minimum 50 mm.
- Apply 2nd coat of Dr. Fixit Triflex Prodetail consumption @ 1.0 kg/m² to ensure fleece is fully saturated.
- Total consumption should not be less than 3.0 kg/m².

Technical Information

| PROPERTY | TYPICAL VALUE | TEST METHOD |
|---------------------------------|------------------------|-------------------------|
| Density | 1.3 + 0.1 g/cc | |
| Viscosity | 1500 ± 500 cps | Brookfield Viscometer |
| Pot Life @ 20°C | 15 mins | |
| Drying time @ 20°C | 45 mins | |
| Fire Resistance | Pass | EN 13501-5 |
| Root resistance | Pass | FLL Standard (EN 13948) |
| Heat resistance (Thermal Shock) | up to +250°C | |
| Shore A Hardness | ≥ 75 | ASTM D2240 |
| Tear resistance (with fleece) | >20 N/mm | ASTM D624 |
| Elongation (with fleece) | ≥ 40 % | ASTM D412 |
| Tensile Strength (with fleece) | ≥ 3 N/mm ² | ASTM D412 |
| Adhesion with concrete | >1.5 N/mm ² | ASTM D7234 |



Note:

Note: The typical physical properties given above are derived from independent verified testing in accordance with Pidilite's Dr. Fixit Triflex ProDetail Method Statement in controlled laboratory environment and tested after a minimum of 14 days cure.

Results derived from testing of field-applied samples may vary dependent on circumstances beyond our control such as the type and condition of equipment used, static and dynamic working pressures, application temperatures and weather conditions, film thickness, test and curing conditions and age of samples tested

Recommended Coverage :

Minimum 3.00 kg/m² on a smooth, even surface in 2 coats.

The specified consumptions apply only to smooth, even surfaces. Special allowances must be made for unevenness, roughness and porosity.

Packaging

Dr. Fixit Triflex ProDetail - 15 Kg Metal Drum (Available in RAL 7032 Pebble Grey colour)

Dr. Fixit Triflex Catalyst - 0.5 kg pack

Dr. Fixit Triflex Fleece - 0.52 x 50 Mtr

Shelf Life & Storage

Can be stored unopened and unmixed for 24 months in a cool, dry place above freezing. Keep container away from direct sunlight when in storage and on the construction site.

Storage temperature: 8°C-35°C.

Health & Safety Precautions

During application wear protective clothing, gloves and eye goggles during application. Avoid product to contact eyes and skin.

Skin Contact - Wash immediately with plenty of clean water.

Eye contact - In the event of eye contact splash plenty of clean water immediately and seek medical advice.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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