



# Plyadek T-117

## Polyurethane Primer

### 1.0 Description

Plyadek T-117 is brownish polyurethane based quick drying prime sealer with excellent resistance to chemicals, oil and contamination. It provides excellent adhesion to most substrates including concrete, wood, steel, so as to enhance their anti-abrasion and non-dust attraction properties. By mixing cement, Plyadek T-117 will perform as priming coat and temporarily waterproofing coat pending new coating to be applied. It is suitable for receiving onward finish including polyurethane, polyurea, epoxy, acrylic and cementitious coating.

### 2.0 Technical data

Item	Contents
Generic & Specific Composition	Single component polyurethane
Volume Solids (ASTM D2697)	32% over
Finish	Brownish, Grey (mixed with cement powder)
Color	Brown liquid
Surface	Cured cement mortar or concrete, Steel, etc.
Cure	Moisture cure
Coats	1-2

### 3.0 Application

	5°C/41°F	20°C/68°F	30°C/86°F
Set to touch	4 hours	30 minutes	20 minutes
Dry through	24 hours	6 hours	4 hours

Item	Contents
Application Method	<ul style="list-style-type: none"> <li>Brush, Roller or Spray</li> </ul>
Theoretical Coverage	<ul style="list-style-type: none"> <li>0.2kg /m<sup>2</sup> at 50/μm</li> </ul>
Recommended Application Temperature	<ul style="list-style-type: none"> <li>Ambient : 5 - 30°C</li> </ul>
Effect of exposure to sunlight	<ul style="list-style-type: none"> <li>Not recommended</li> </ul>
Storage Characteristic	<ul style="list-style-type: none"> <li>Shelf life 12 months at 5 - 30°C</li> </ul>
Packaging Unit	<ul style="list-style-type: none"> <li>18L square can</li> <li>4L square can</li> </ul>

### 4.0 Surface Preparation

Remove any oil and grease from surface to be coated.

Steel: Blast cleaning either by sand paper or mechanical clean blasting.

Concrete: Remove all substrate contamination, oil and dust.

### 5.0 Health and Safety

1. Protect skin and eyes, and avoid prolonged breathing of solvent vapours.
2. Use with adequate ventilation.
3. Respiratory protection is recommended when applying this product in confined spaces or stagnant air.

