

Wasser Polymer Pvt. Ltd

POLYCOAT- 6030

High Gloss Metal Poly- Urethane



TDS/PU6030 /020513

Technical Data Sheet

Product Description:

Two component, air drying, acrylic aliphatic polyurethane coating.

Features :

- Excellent finish with high gloss.
- Excellent colour & gloss retention.
- Excellent outdoor durability.
- Tough, abrasion resistant coating with excellent flow and leveling characteristics.
- Good resistance to chemicals and polluted environments.

Technical

Details :

Color	: Wide Range
Gloss	: High Gloss/ Matte
Volume solids	: Approx 50%.
Recommended DFT / coat	: 35 - 50 μ
Theoretical covering capacity	: 13 to 15 m^2/l @ 35 μ
Curing time at 30°C	: Surface dry : 30 Mins. : Hard dry : 16 hours : Full cure : 7 days
Shelf life (cool & dry place)	: 12 months(min)
Flash point	: Base : < 28°C : Hardener : < 28°C

Surface Preparation & Substrate Condition	<p>Can be applied on epoxy primer, epoxy /polyurethane undercoat; surface must be dry & free from all surface contamination. Surface of aged epoxy coating should be sufficiently roughened prior to painting.</p> <p>Substrate temperature should be at least 3°C above dew point but not above 50°C.</p>
Mixing:	<p>Stir the base and hardener separately to get an uniform mix, then add hardener slowly to the base slowly with constant stirring for quick homogenous mixing.</p> <ol style="list-style-type: none"> 1. Mixing ratio : Base : Hardener :: 4:1(v/v) 2. Induction time : 25 minutes 3. Pot life at 30° : 3 hours
Application:	<p>Brush</p> <ol style="list-style-type: none"> 1. Recommended thinner : Tufthin 9 2. Volume of thinner : 0 - 10 % <p>Air spray</p> <ol style="list-style-type: none"> 1. Recommended thinner : Tufthin 9. 2. Volume of thinner : 5 - 20 % 3. Nozzle orifice : 1.5 - 3.0 mm 4. Nozzle pressure : 0.3 - 0.4 MPas <p>Airless spray</p> <ol style="list-style-type: none"> 1. Recommended thinner : Tufthin 9 2. Volume of thinner : 0 - 15 % 3. Nozzle orifice : 0.41 - 0.48 mm 4. Nozzle pressure : 20 - 24 MPas

Disclaimer: *The informations given in this data sheet are true to the best of our knowledge and based on our lab trials and should not be purported to be authentic, as the methods and areas of applications differ. The user should conduct his own trials and applications before using. The manufacturer is not responsible for any loss or damage arising out of the use of the product.*

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