

Technical Data sheet

BETTERCRETE® 1800 MF

Self Leveling Polyurethane 1800 MF

Description	A three packs polyurethane based. High performance floor coating in protective coating system, Super corrosion, chemical resistance and excellent adhesion, abrasion for concrete.																						
Use	For substrate surface, such as: warehouse, kitchen, electronics, freezers manufacture...																						
Features	Finished surface matt .																						
Technical Data	Packing: 20 kgs/set No. of components: three Viscosity (28 °C) : 70 KU Mixing ratio: 3.5: 3.5 :13 kg by weight (Part A: Part B: part C) Shake parts A and B well before mixing, then mix parts A and B within 5-10 seconds, Using an electric stirrer at about 250-400 rpm. Finally, add part C and stir within 90-120 seconds until even. Note: The next batch must remove excess before mixing. Pot life (28 °C) : 30 mins Solid content: 80% Specific gravity: Approx. 1.20 Flash point : 35 °C																						
Application data	Application method : Spike Roller Shelf life : Part A: 6 months Part B: 12 months Part C: 12 months Spreading rate : 1.9kg/ m ² /mm Dry film thickness: 3-6 mm Drying time: touch dry : 8 hours at 30 °C Hard dry: 24 hours at 30 °C For heavy pressure : 7 days at 30 °C Recoating interval: Min 24 hours , Max 14 month at 30 °C																						
Painting specification	Surface preparation: Ensure a clean dry for general usage, such as tie coats. Storage : cool, dry, well ventilated shaded areas .																						
Safety precaution	No excessive heat, sparks or flame. Use adequate ventilation. Avoid prolong contact with skin. Avoid breathing of vapor and spray mist. Use protective equipment. If the material comes in contact with the eye, immediately wash in running water for 20 minutes and obtain medical treatment. Observe all safe precautions.																						
Test standard	<table> <tr> <td>Resistance</td><td>10⁴-10⁵ ohm</td><td></td></tr> <tr> <td>Compressive strength</td><td>80.00N/mm²</td><td>ASTM C579</td></tr> <tr> <td>Tensile strength</td><td>25.00N/mm²</td><td>ASTM C367</td></tr> <tr> <td>Water permeability</td><td>Less than 1.0mm</td><td>JIS K5400</td></tr> <tr> <td>Impact resistance</td><td>1/4'' x 500g x 30 cm</td><td>JIS K5400</td></tr> <tr> <td>Hardness</td><td>2H</td><td>JIS K5400</td></tr> <tr> <td>Adhesion (Cross cut)</td><td>100/100</td><td>JIS K5400</td></tr> </table>		Resistance	10 ⁴ -10 ⁵ ohm		Compressive strength	80.00N/mm ²	ASTM C579	Tensile strength	25.00N/mm ²	ASTM C367	Water permeability	Less than 1.0mm	JIS K5400	Impact resistance	1/4'' x 500g x 30 cm	JIS K5400	Hardness	2H	JIS K5400	Adhesion (Cross cut)	100/100	JIS K5400
Resistance	10 ⁴ -10 ⁵ ohm																						
Compressive strength	80.00N/mm ²	ASTM C579																					
Tensile strength	25.00N/mm ²	ASTM C367																					
Water permeability	Less than 1.0mm	JIS K5400																					
Impact resistance	1/4'' x 500g x 30 cm	JIS K5400																					
Hardness	2H	JIS K5400																					
Adhesion (Cross cut)	100/100	JIS K5400																					