

<b>DESCRIPTION</b>	two component acrylic polyurethane, finish for application over primed concrete, metals and texture painted surfaces.
<b>PRINCIPAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>- for interior and exterior use</li> <li>- unsaponifiable and alkaline resistant</li> <li>- excellent colour retention properties</li> <li>- non yellowing</li> <li>- resistant to water, splash and spillage of mild chemicals and solvents</li> <li>- easy to clean</li> <li>- abrasion resistance</li> </ul>
<b>COLOUR AND GLOSS</b>	available in clear and in colours from the Sigma Standard Colour Selection - flat
<b>BASIC DATA AT 20 °C</b>	( for mixed product )
<b>Mass density</b>	approx. 1.35g/cm <sup>3</sup> (depending on colour)
<b>Solids content</b>	approx. 55% ±2 by volume (depending on colour)
<b>Recommended dry film thickness</b>	50 µm
<b>Theoretical spreading rate</b>	11 m <sup>2</sup> /ltr for 50 µm depending on the nature and condition of the substrate and the application method employed
<b>Touch dry after</b>	approx. 2 hours
<b>Overcoating interval</b>	min. 16 hours max. no limitations
<b>Full cure after</b>	7 days
<b>Shelf life (cool,dry place)</b>	12 months
<b>Flashpoint (DIN 53213)</b>	base 27 °C and hardener 28 °C
<b>Available pack size</b>	5 ltr, 20 ltr
<b>RECOMMENDED SUBSTRATE CONDITIONS</b>	<p><b>new primed substrates</b></p> <ul style="list-style-type: none"> <li>- dry and free from surface contamination</li> <li>- within the over-coating interval of the primer applied</li> <li>- abraded prior to application</li> </ul>

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**SYSTEM SPECIFICATION**

- Recommended primer** - appropriate to substrate type and compatible with polyurethane
- Recommended finish** - applied in 2 coats @ 50µm dft per coat
- Intermediate texture option** - for over-coating of Sigma Textures, the first coat should be diluted 10% with thinner 21-22 with the second coat undiluted
- Application limitations** - the minimum allowable substrate temperature is 5 °C  
- maximum humidity during application and curing is 85%

**INSTRUCTIONS FOR USE**

- mixing ratio: by volume; base to hardener 88 : 12
- the temperature of the mixed base and hardener should be above 15 °C, otherwise extra solvent may be required to obtain the correct application viscosity
- too much solvent will result in lower sag resistance and slower cure
- thinner should only be added after proper mixing of the base and hardener
- Induction time at 20 °C** none
- Potlife at 20 °C** 8 hours

**METHOD OF APPLICATION**

**AIRLESS SPRAY** recommended  
**Recommended thinner** 21-22 (flashpoint 50 °C)  
**Volume of thinner** 0 - 20%

**AIR SPRAY** recommended  
**Recommended thinner** 21-22 (flashpoint 50 °C)  
**Volume of thinner** 10 - 20%

**CLEANING SOLVENT** 21-22 (flashpoint 50 °C)

**SAFETY PRECAUTIONS**

see safety sheets 1571 for information on LEL and TLV values

**REFERENCES**

explanation to product data sheets on information sheet 1551