DESCRIPTION  
two component acrylic polyurethane, finish for application over primed concrete, metals and textured surfaces

PRINCIPAL CHARACTERISTICS  
- for interior and exterior use  
- unsaponifiable and alkaline resistant  
- excellent resistance to atmospheric exposure  
- excellent colour and gloss retention  
- excellent U.V. resistance  
- anti-carbonation properties  
- excellent non yellowing properties  
- resistant to water, splash and spillage of mild chemicals and solvents  
- abrasion resistance  
- easy to apply by brush and roller

COLOUR AND GLOSS  
available in clear and in colours from the Sigma Standard Colour Selection - high gloss

BASIC DATA AT 20 °C  
(for mixed product)
Mass density  
approx. 1.2g/cm³ (depending on colour)
Solids content  
approx. 55% by volume (depending on colour)
Recommended DFT  
50 µm  
Theoretical spreading rate  
11 m²/ltr for 50 µm depending on the nature and condition of the substrate and the application method employed
Touch dry after  
approx. 2 hours
Overcoating interval  
min. 16 hours  
max. no limitations
Full cure after  
7 days
Shelf life (cool, dry place)  
12 months
Flashpoint  
base 27 °C and hardener 28 °C
Available pack size  
20 ltr

RECOMMENDED SUBSTRATE CONDITIONS  
new primed substrates  
- dry and free from surface contamination  
- within the over-coating interval of the primer applied  
- abraded prior to application

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## SYSTEM SPECIFICATION

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

## INSTRUCTIONS FOR USE

- **Induction time at 20 °C**: none
- **Potlife at 20 °C**: 5 hours

## METHOD OF APPLICATION

### AIRLESS SPRAY

<table>
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<tr>
<td><strong>Recommended thinner</strong></td>
<td>21-22 (flashpoint 50 °C)</td>
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<tr>
<td><strong>Volume of thinner</strong></td>
<td>0 - 20%</td>
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<td>10 - 20%</td>
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### BRUSH AND ROLLER

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### CLEANING SOLVENT

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## SAFETY PRECAUTIONS

See safety sheet 1570 for information on LEL and TLV values.

## REFERENCES

Explanation to product data sheets on information sheet 1551.