

DESCRIPTION	two component acrylic polyurethane, finish for application over primed concrete, metals and textured surfaces
PRINCIPAL CHARACTERISTICS	<ul style="list-style-type: none"> - 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/cm ³ (depending on colour)
Solids content	approx. 55% by volume (depending on colour)
Recommended DFT	50 µm
Theoretical spreading rate	11 m ² /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)	24 months
Flashpoint	base 27 °C and hardener 28 °C
Available pack size	5 ltr, 20 ltr
RECOMMENDED SUBSTRATE CONDITIONS	<p>new primed substrates</p> <ul style="list-style-type: none"> - 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

- 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 5 hours

METHOD OF APPLICATION

AIRLESS SPRAY

Recommended thinner 21-22 (flashpoint 50 °C)

Volume of thinner 0 - 20%

AIR SPRAY

Recommended thinner 21-22 (flashpoint 50 °C)

Volume of thinner 10 - 20%

BRUSH AND ROLLER

Recommended thinner 21-22 (flashpoint 50 °C)

Volume of thinner 0 - 10%

CLEANING SOLVENT

21-22 (flashpoint 50 °C)

SAFETY PRECAUTIONS



see safety sheet 1570 for information on LEL and TLV values

REFERENCES

explanation to product data sheets on information sheet 1551