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SIGMUROLAC

January 2014

DESCRIPTION
high quality impermeable decorative solvent borne anti carbonation coating based on a pliolite/vinyl binder

PRINCIPAL CHARACTERISTICS
- for interior and exterior use
- good anti-carbonation properties
- unsaponifiable and alkali resistant
- impermeable
- excellent resistance to fungal growth
- particularly suitable for enclosed areas e.g. staircases
- good colour retention properties
- good opacity
- good adhesion properties
- good weather resistance
- good flow and drying properties
- superior wash and scrub properties
- easy to apply

COLOUR AND GLOSS
see Sigma Standard Colour Selection – eggshell

BASIC DATA AT 20 °C

Mass density
approx. 1.4g/cm³

Solids content
approx. 47% ± 2% by volume depending on colours

Theoretical spreading rate
approx. 13.4 m²/litr @ 35µm
approx. 11.8 m²/litr @ 40µm
depending on the nature and condition of the substrate and the application method employed

Touch dry after
approx. 3 hours

Overcoating interval
min. 16 hours
max. no limitation

Shelf life (cool, dry place)
24 months

Flashpoint
above 39 °C

Available pack size
1 usg, 18 litr

RECOMMENDED SUBSTRATE CONDITIONS
new primed substrates
- dry and clean primed concrete, cement render, plaster, gypsum and gypsum board
- abrading is recommended before and between applications.
- dirt, dust and other surface contamination must be removed

Please turn
RECOMMENDED SUBSTRATE CONDITIONS

- previously painted substrates
- free from defective or poorly adhering paint films
- wash intact or remaining paint films with a 3% ammonia solution
- bare and repaired areas should be spot primed prior to application
- not recommended directly over alkyd coatings

SYSTEM SPECIFICATION

Recommended primer - 0804 Sigmagix Primer
Recommended filler - 0896 Sigma Concrete Filler
Recommended finish - applied in two coats @ 35 - 40µm dft per coat
Anti-carbonation figures - CO₂ vapour diffusion resistance – Sd 70 = > 1100m

METHOD OF APPLICATION

AIRLESS SPRAY
Recommended thinner - 20 - 05 (flashpoint 38 °C)
Volume of thinner - approx. 0 - 5%

BRUSH AND ROLLER
Recommended thinner - 20 - 05 (flashpoint 38 °C)
Volume of thinner - approx. 0 - 5%

CLEANING SOLVENT
Recommended thinner - 20 - 05 (flashpoint 38 °C)

SAFETY PRECAUTIONS

see safety sheet 1570 for information on LEL and TLV values

REFERENCES

explanation to product data sheets on information sheet 1551