

December 2009

## DESCRIPTION

premium quality waterborne primer based on the highest performing quality resins and engineered for use with Sigma Guardian systems

## PRINCIPAL CHARACTERISTICS

- for interior and exterior use
- superior tolerance to moisture penetration
- superior adhesive properties
- superior resistance to efflorescence
- superior resistance to alkaline surfaces
- superior moisture vapour permeability
- compatible with various generic paint types
- quick drying
- almost odourless
- easy to apply
- non toxic
- conforms to Environmental Specifications

## COLOUR AND GLOSS

white – flat

## BASIC DATA AT 20 °C

### Mass density

approx. 1.2g/cm<sup>3</sup>

### Solids content

approx. 32% by volume

### Theoretical spreading rate

approx. 10 – 12 m<sup>2</sup>/ltr  
depending on the nature and condition of the substrate and the application method employed

### Touch dry after

approx. 30 minutes

### Overcoating interval

min. 6 hours  
max. no limitation

### Shelf life (cool,dry place)

18 months

### Flashpoint

above 65 °C

### Available pack size

1 usg, 15 ltr

## RECOMMENDED SUBSTRATE CONDITIONS

### new substrates

- concrete fully dry (4% M/C), free from laitance and contamination
- cement, plaster and gypsum board, dry (12% MC) neutral, free from surface contamination and dust.
- lime containing materials should be neutral and if they react alkaline flush with sweet water until neutral

Please turn

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## RECOMMENDED SUBSTRATE

### previously painted (maintenance and spot priming)

- free from defective or poorly adhering paint films
- excessively under-bound paint films must be abraded.
- wash intact or remaining paint films with a 3% ammonia
- glossy paint layers must be abraded flat

## SYSTEM

### priming coat for use under:

- Sigma Guardian fillers, finishes and textures
- Sigma alkyd finishes
- Sigma solvent-borne acrylic finishes

## Adhesive Strength

- ASTM D4541:02 = 1.0 N/mm<sup>2</sup>

## INSTRUCTIONS FOR USE

### BRUSH & ROLLER

#### Recommended thinner

sweet water

#### Volume of thinner

5 - 10%

## SAFETY PRECAUTIONS



see safety sheets 1570 and 1571 for information on LEL and TLV values

## ENVIRONMENTAL



Complies with Environmental Specifications  
VOC < 50g/l

## REFERENCES

explanation to product data sheets on information sheet 1551