

TECHNICAL DATA SHEET

ENCOR[®] 2711

Acrylic Emulsion

PRODUCT APPLICATION DETAILS

ENCOR[®] 2711 is used as binder for wood primers and wall paints with good stain-blocking properties . It can be formulated with or without zinc oxide. ENCOR[®] 2711 is formulated without alkylphenolethoxylates.

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|--|-----------------|----------|
| Solid content (105°C) | 42 - 44 % | ISO 3251 |
| pH | 8.5 - 9.5 | ISO 976 |
| Viscosity (Brookfield RVT , 20rpm) (23°C) | 1000 max mPa.s | ISO 2555 |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|------------------------------------|-----------------|-----------|
| Stabilizing system | A / NI | - |
| Minimum film formation temperature | 15 °C | ISO 2115 |
| Density | 1.04 g/ml | ISO 2811 |
| Average particle size | 100 nm | ISO 13321 |

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Architectural Coating
 - Exterior Wall
 - Interior Wall
 - Primers
 - Specialty Coatings
 - Stains
- Industrial Coating
 - Industrial Wood Finishes

ENCOR[®] 2711

FORMULATION GUIDELINES

ADDITIVES

For optimum stain-blocking performance coalescents with low water solubility like Dowanol[®] DPnB ⁽¹⁾ and Dowanol[®] PnB ⁽¹⁾ are recommended. It is also important to use only ammonia as neutralising agent.

Notes: ⁽¹⁾ Dow

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR[®] 2711 should be stored indoors in the original, unopened and undamaged container, in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided. The product is protected to prevent any microbial deterioration during normal conditions of storage but care should be taken to avoid accidental contamination during subsequent handling and processing. In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

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