

DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL POLYDEX (WATER PROOFING)

| DESCRIPTION | One pack elastomeric roof coating system, based on acrylic copolymer. Is flexible water proofing membrane with excellent solar heat reflection and atmospheric resistance. It has good adhesion and low flame spread properties. It contains antifungal and anti bacterial additives. |
|-----------------|---|
| RECOMMENDED USE | Waterproofing coating on cementitious, mosaic tiles, metal roofs, wooden roofs & domes, for interior and exterior applications, where strong protection required against water. |

TECHNICAL DATA

| COLOURS | White or as per requirement |
|-----------------------------|---|
| FINISH | Smooth, Semi-Gloss |
| VOLUME SOLIDS | 53 ± 2% |
| SPECIFIC GRAVITY KG/L | 1.25 ± 0.05 |
| THEORETICAL SPREADING RATE | 1.8 - 1.3 M ² /LTR |
| RECOMMENDED (DFT) - MICRONS | 300 - 400 per coat |
| RECOMMENDED (WFT) - MICRONS | 560 - 750 per coat |
| ELONGATION, DIN 53455 | 400% Approx. (Max) |
| WATER RESISTANCE | Excellent |
| WATER VAPOUR PERMEABILITY | Good |
| U.V. RESISTANCE | Excellent |
| REINFORCEMENT | Fibre Glass |
| DRYING TIME @ 30°C | Temperature, humidity, air movement, film thickness and |
| | number of coats all affect the drying time. |
| | Touch dry (hours) : 4 - 6 |
| | Dry to recoat (hours) : 12 - 16 |

APPLICATION DATA

| APPLICATION METHOD | Spray, Roller or long haired brush | |
|---|--|-----------------------------|
| THINNING (VOLUME) | Primer Coat: 1:1 Intermediate Coat: 2:1 | |
| THINNER / CLEANER | Water | |
| RECOMMENDED SYSTEM For metal, use suitable primer | Primer Coat: National Polydex | : 1 coat |
| | Intermediate Coat : National Polydex | : 1 coat |
| | Fix National Fibre Glass mesh while the first | t coat is wet, allow to dry |
| | Topcoat(s) : National Polydex | : 1 - 2 coats |
| | (OR) | |
| | Without fibre mesh directly apply over dry intermediate coat | |
| | National Polydex | : 2 coats |

MISCELLANEOUS DATA

| FLASH POINT | Water Base |
|-------------------|--|
| SHELF LIFE @ 30°C | 18 months in original sealed containers, with proper storage conditions. |

NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details, refer specifier and safety data.

