

# TECHNICAL DATASHEET

## PRIME PLUS

High gloss surface protection with self healing properties.

### TECHNICAL DATA

| BASIC PARAMETERS            |                           |
|-----------------------------|---------------------------|
| WARRANTY                    | 6 YEARS                   |
| MATERIAL                    | POLYURETHANE              |
| FINISH                      | CLEAR GLOSS               |
| COATING TYPE                | HYDROPHOBIC               |
| HEALING METHOD              | HEAT                      |
| THICKNESS (FILM ONLY)       | 150 +/- 10 UM             |
| THICKNESS (FILM + ADHESIVE) | 185 +/- 10 UM (7.5 MIL)   |
| GLOSS                       | 98 GU @ 60°               |
| QUV ACING RESISTANCE        | 0.55 @ 2000HRS            |
| PEEL FORCE                  | 1688 GF/IN 24H(GB/T 2792) |
| ADHESION ON OEM PAINT       | 13-16 N/IN (5-6 N/CM)     |
| BREAK ELONGATION            | 352% (+/-20) (ASTM D882)  |
| TENSILE STRENGTH            | 29.5 MPA                  |
| LINER TYPE                  | PET                       |
| APPLICATION METHOD          | WET                       |
| APPLICATION TEMP RANGE      | 13°C - 32°C               |

### AGING TESTS

| PROPERTIES       | TYPICAL VALUES                       | TESTING CONDITIONS                                      |
|------------------|--------------------------------------|---------------------------------------------------------|
| HEAT AGING       | NO DETRIMENTAL EFFECT                | 150 H @ 80°C                                            |
| XENON WEATHERING | $\Delta E < 2$ , 80% GLOSS RETENTION | 4,300 KJ                                                |
| EMMAQUA AGING    | $\Delta E < 2$ , 88% GLOSS RETENTION | 27,500 M3/M <sup>2</sup> , 2.3 YEAR EXPOSURE EQUIVALENT |

### STAIN RESISTANCE

| PROPERTIES             | TYPICAL VALUES        | TESTING CONDITIONS                                  |
|------------------------|-----------------------|-----------------------------------------------------|
| ACETONE                | NO DETRIMENTAL EFFECT | IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE |
| GASOLINE               | NO DETRIMENTAL EFFECT | IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE |
| MOTOR OIL              | NO DETRIMENTAL EFFECT | IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE |
| 100% ISOPROPYL ALCOHOL | NO DETRIMENTAL EFFECT | IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE |

### Maintenance, Cleaning & Removal

- Clean only with non-abrasive, pH-neutral (6-8), solvent-free solutions.
- Films are heat-removable for easy replacement or repositioning.

### Maximum shelf life

- 24 months (with CAP), 12 months (without CAP) from date of shipment.
- Store at +15°C to +25°C, 50% max humidity, away from sunlight in original packaging. Always acclimate film to room temperature before application.



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