

# Matte PPF

- ✓ Instant-healing
- ✓ Anti-yellowing
- ✓ Stain resistance
- ✓ Non-directional
- ✓ Super-easy to install
- ✓ 7 Year warranty

|                              | Performance Test             | Test Condition | Typical Values              |
|------------------------------|------------------------------|----------------|-----------------------------|
| <b>PHYSICAL PROPERTIES</b>   | TPU                          |                | 150µm                       |
|                              | Top Coat                     |                | 13µm                        |
|                              | Adhesive                     |                | 30µm                        |
|                              | Liner                        |                | 75µm                        |
|                              | Overall Thickness (µm)       |                | 193µm                       |
| <b>MECHANICAL PROPERTIES</b> | Tensile Strength             | ASTMD882       | > 15 mpa                    |
|                              | Elongation at Break          | ASTMD882       | > 300%                      |
| <b>PEEL STRENGTH</b>         | Initial Peel                 | 20min, RT      | > 400 N/m                   |
|                              | Normal State                 | 72h, RT        | > 400 N/m                   |
|                              | After Water Immersion        | 400h, 40°C     | > 400 N/m                   |
|                              | After Accelerated Weathering | 2000h, QUV     | > 400 N/m                   |
| <b>AGING TEST</b>            | Heat Aging                   | 16 days, 80°C  | (NDE) No Detrimental Effect |
|                              | Water Immersion              | 400h, 40°C     | (NDE) No Detrimental Effect |
|                              | Accelerated Weathering       | 2000h, QUV     | (NDE) No Detrimental Effect |
|                              | Boiling Water                | 5 min          | (NDE) No Detrimental Effect |
| <b>GLOSS</b>                 | Gloss                        | 60°            | > 30 GU                     |
| <b>STONE CHIP RESISTANCE</b> | Gravelometer                 | SAE J400       | Pass                        |
| <b>SOLVENT RESISTANCE</b>    | Water & Soap Spotting        | 24h            | (NDE) No Detrimental Effect |
|                              | Acid Spotting                | 24h            | (NDE) No Detrimental Effect |
|                              | Isopropyl Alcohol            | 24h            | (NDE) No Detrimental Effect |
|                              | Hexane/Toluene               | 24h            | (NDE) No Detrimental Effect |
|                              | Motor Oil                    | 24h            | (NDE) No Detrimental Effect |