

# PRODUCT OVERVIEW

| COATING SYSTEM<br>BESCHICHTUNGS-SYSTEM | PRIMER   | FINISHING FILM<br>ÜBERZUGSFILM | A               | B         | SUBSTRATE<br>SUBSTRAT | SPECULAR GLOSS<br>SPIEGELGLANZ | ADHESION AFTER BENDING<br>HAFTUNG NACH DEM BIEGEN* | FLEXIBILITY AFTER BENDING<br>FLEXIBILITÄT NACH DEM BIEGEN* | ADHESION AFTER INDENTATION<br>HAFTUNG NACH EINBUCHTUNG | PENCIL HARDNESS<br>BLEISTIFTHÄRTE  | SALT SPRAY RESISTANCE<br>SALZSPRÜHNEBELBESTÄNDIGKEIT | CORROSION CLASS <sup>(1)</sup><br>KORROSIONSKLASSE | CONDENSED WATER CONSTANT ATMOSPHERE<br>KONSTANTE KON-DENSWASSERATMO-SPHÄRE | UV RESISTANCE<br>UV-BESTÄNDIGKEIT | RESISTANCE TO SOLVENT<br>BESTÄNDIGKEIT GEGEN LÖSUNGS-MITTEL | SCRATCH RESISTANCE<br>KRATZFESTIGKEIT | FIRE CLASSIFICATION<br>BRANDKLASSI-FIZIERUNG | WARRANTY YEAR<br>GEWÄHR-LEISTUNGS-JAHR |            |
|--|--|--------------------------------|-----------------|-----------|-----------------------|--------------------------------|--|--|--|--|--|--|--|-----------------------------------|---|---------------------------------------|--|--|------------|
|  |  |                                | PRIMER + TOP    | BACK COAT |                       |                                |  |  |  |  |  |  |  |                                   |   |                                       |  |  | EN 13523-1 |
| <b>STANDARD</b>                        |  |                                |                 |           |                       |                                |  |  |  |  |  |  |  |                                   |   |                                       |  |  |            |
| MP1                                    | PE   | PE                             | 5 + 15 µm       | 5/7 µm    | Z100                  | 10-80                          | 2,0 T  | 3,0 T  | 9  | F  | 250  | NA   | NA   | NA                                | min. 100 dc MEK   | >1,5 kg                               | A1   |  |            |
| MP3                                    | PE   | PE                             | 5 + 20 µm       | 5/7 µm    | Z140                  | 10-80                          | 1,5 T  | 2,5 T  | 9  | F  | 500  | RC3  | 1000   | RUV 2                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 10                                     |            |
| MP3AS                                  | PE   | PE                             | 15 + 20 µm      | 5/7 µm    | Z140                  | 10-80                          | 1,5 T  | 2,5 T  | 9  | F  | 500  | RC4  | 1000   | RUV 2                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 12                                     |            |
| MP5                                    | PE   | SPE PUR                        | 5 + 20 µm       | 5/7 µm    | Z225                  | 10-80                          | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC3  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 12                                     |            |
| MP5AS                                  | PE   | SPE PUR                        | 15 + 20 µm      | 5/7 µm    | Z225                  | 10-80                          | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 15                                     |            |
| MP10                                   | PUR  | PVDF                           | 5 + 20 µm       | 5/7 µm    | Z275                  | 30                             | 1,0 T  | 1,5 T  | 9  | HB   | 750  | RC3  | 3000   | RUV 4                             | min. 100 dc MEK   | >1,5 kg                               | A1   | 15                                     |            |
| MP10AS                                 | PUR  | PVDF                           | 15 + 20 µm      | 5/7 µm    | Z275                  | 30                             | 1,0 T  | 1,5 T  | 9  | HB   | 750  | RC4  | 3000   | RUV 4                             | min. 100 dc MEK   | >1,5 kg                               | A1   | 20                                     |            |
| MP3HF                                  | PE   | PE FLEX                        | 5 + 20 µm       | 5/7 µm    | Z140                  | 10-80                          | 0,5 T  | 1,0 T  | 9  | H  | 360  | RC2  | NA   | RUV2                              | min. 100 dc MEK   | >2,0 kg                               | A1   | NA                                     |            |
| MP4                                    | PE   | PE MOD/PE PA                   | 5 + 20 µm       | 5/7 µm    | Z140                  | 0-40                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC3  | 1000   | RUV 2                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 10                                     |            |
| MP4AS                                  | PE   | PE MOD/PE PA                   | 15 + 20 µm      | 5/7 µm    | Z140                  | 0-40                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 2                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 12                                     |            |
| MP4U                                   | PE   | PUR PA                         | 5 + 20 µm       | 5/7 µm    | Z200                  | 5-40                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC3  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 12                                     |            |
| MP4UAS                                 | PE   | PUR PA                         | 15 + 20 µm      | 5/7 µm    | Z200                  | 5-40                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 15                                     |            |
| MP4HD                                  | PUR  | PUR MOD                        | 15 + 30 µm      | 10 µm     | Z275                  | 5-10                           | 1,0 T  | 1,5 T  | 9  | F  | 750  | RC5  | 2000   | RUV 4                             | min. 100 dc MEK   | >2,2 kg                               | A1   | 25                                     |            |
| MP20                                   | PUR  | PUR PA                         | 30 + 30 µm      | 12 µm     | Z275                  | 30                             | 1,0 T  | 1,5 T  | 9  | H  | 750  | RC5  | 3000   | RUV 4                             | min. 100 dc MEK   | >2,2 kg                               | A1 <sup>(2)</sup>                            | 30                                     |            |
| MP20 S                                 | PUR  | PUR                            | 30 + 20 µm      | 12 µm     | Z275                  | 30                             | 1,0 T  | 1,5 T  | 9  | F  | 750  | RC5  | 3000   | RUV 4                             | min. 100 dc MEK   | >2,2 kg                               | A1 <sup>(2)</sup>                            | 35                                     |            |
| MPFLEX                                 | PUR  | PUR PA                         | 15 + 20 µm      | 5/7 µm    | Z275                  | 30                             | 0,5 T  | 0,5 T  | 9  | F  | 500  | RC4  | 2000   | RUV 3                             | min. 100 dc MEK   | >2,2 kg                               |  | 15                                     |            |
| MPFLEX50                               | PUR  | PUR PA                         | 30 + 20 µm      | 5/7 µm    | Z275                  | 30                             | 0,5 T  | 0,5 T  | 9  | F  | 750  | RC5  | 3000   | RUV 3                             | min. 100 dc MEK   | >2,2 kg                               |  | 20                                     |            |
| MPE                                    | PE   | PE                             | 5 + 20 µm       | 5/7 µm    | Z100                  | 10-90                          | 1,0 T  | 2,0 T  | 9  | F  | 360  | NA   | NA   | NA                                | min. 100 dc MEK   | >2,0 kg                               | A1   | NA                                     |            |
| MPE4                                   | PE   | PE                             | 5/15 + 20/25 µm | 5/7 µm    | Z100                  | 10-60                          | 1,0 T  | 1,5 T  | 9  | F  | 360  | NA   | NA   | NA                                | min. 100 dc MEK   | >2,0 kg                               | A1   | NA                                     |            |
| <b>SPECIAL</b>                         |  |                                |                 |           |                       |                                |  |  |  |  |  |  |  |                                   |   |                                       |  |  |            |
| MPSH                                   | PUR  | SPE                            | 30 + 30 µm      | 12 µm     | Z275                  | 5-15                           | 1,0 T  | 1,5 T  | 9  | F  | 750  | RC5  | 2000   | RUV 4                             | min. 100 dc MEK   | >2,5 kg                               |  | 30                                     |            |
| MPS200                                 | ACR  | PLASTISOL                      | 7 + 200 µm      | 12 µm     | Z275                  | 30                             | 0,5 T  | 1,0 T  | 9  | NA   | 1.000  | RC5  | 2000   | RUV 4                             | NA  | NA                                    | C-S2-D0                                      | 30                                     |            |
| MPROOF                                 | PUR  | SPE PA                         | 5 + 20 µm       | 5/7 µm    | Z275                  | 10-15                          | 1,0 T  | 1,5 T  | 9  | F  | 500  | RC3  | 1000   | RUV 4                             | min. 100 dc MEK   | >2,5 kg                               |  | 15                                     |            |
| <b>PATTERN</b>                         |  |                                |                 |           |                       |                                |  |  |  |  |  |  |  |                                   |   |                                       |  |  |            |
| MPWI                                   | PE   | PE                             | 30 µm           | 5/7 µm    | Z140                  | 20-30                          | 1,5 T  | 2,5 T  | 9  | F  | NA   | NA   | 1000   | NA                                | min. 100 dc MEK   | >2,2 kg                               | A1   | NA                                     |            |
| MPWOS                                  | PE   | SPE                            | 35 µm           | 5/7 µm    | Z225                  | 0-30                           | 0,5 T  | 1,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 4                             | min. 100 dc MEK   | >2,2 kg                               | A1   | 15                                     |            |
| MPWOR                                  | PE   | SPE                            | 35 µm           | 5/7 µm    | Z225                  | NA                             | 0,5 T  | 1,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 4                             | min. 100 dc MEK   | >2,2 kg                               | A1   | 15                                     |            |
| MPSTONE                                | PE   | PE                             | 5 + 20 µm       | 5/7 µm    | Z140                  | 6-60                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC3  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 10                                     |            |
| MPSTONE AS                             | PE   | PE                             | 15 + 20 µm      | 5/7 µm    | Z225                  | 6-60                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 15                                     |            |
| MPSTONE 20                             | PE   | PE                             | 25 + 20 µm      | 5/7 µm    | Z275                  | 6-60                           | 1,0 T  | 2,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 3                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 20                                     |            |
| MPCLOUD                                | PE   | PE                             | 5 + 20 µm       | 5/7 µm    | Z140                  | 15-20                          | 1,5 T  | 2,5 T  | 9  | F  | 500  | RC3  | 1000   | RUV 2                             | min. 100 dc MEK   | >2,0 kg                               | A1   | 10                                     |            |
| MPWALL                                 | PE   | SPE                            | 35 µm           | 5/7 µm    | Z225                  | 5-10                           | 0,5 T  | 1,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 4                             | min. 100 dc MEK   | >2,2 kg                               | A1   | 15                                     |            |
| MPCORTEN                               | PE   | SPE                            | 35 µm           | 5/7 µm    | Z225                  | 5-15                           | 0,5 T  | 1,0 T  | 9  | F  | 500  | RC4  | 1000   | RUV 4                             | min. 100 dc MEK   | ≥ 2,2 kg                              | A1   | 15                                     |            |
| <b>DIGITAL</b>                         |  |                                |                 |           |                       |                                |  |  |  |  |  |  |  |                                   |   |                                       |  |  |            |
| CPMD                                   | Maximum customization. Specifications in agreement with the technical department according to the project. |                                |                 |           |                       |                                |  |  |  | Maximale Anpassung. Spezifikationen in Abstimmung mit der Fachabteilung gemäß Projekt. |  |  |  |                                   |   |                                       |  |  |            |

\*referring to standard thickness ≤ 0.6 mm - \*bezieht sich auf Standarddicke ≤ 0,6 mm

| CORROSION CLASS*<br>KORROSIONSKLASSE* | DESCRIPTION<br>BESCHREIBUNG | EXTERNAL<br>EXTERN  |
|---------------------------------------|-----------------------------|---|
| RC1                                   | very low<br>sehr niedrig    |   |
| RC2                                   | low<br>niedrig              | Low-pollution atmospheres. Predominantly rural areas<br>Umweltfreundliche Umgebungen. Vorwiegend ländliche Gebiete  |
| RC3                                   | middle<br>mittel            | Urban and industrial atmospheres with moderate carbon dioxide pollution. Coastal areas with low salinity (10 to 20 km away from the sea)<br>Städtische und industrielle Umgebungen mit moderater Kohlendioxidbelastung. Küstengebiete mit niedrigem Salzgehalt (10 bis 20 km vom Meer entfernt) |
| RC4                                   | high<br>hoch                | Industrial and coastal areas with moderate salinity (3 to 10 km from the sea)<br>Industrie- und Küstengebiete mit mäßigem Salzgehalt (3 bis 10 km vom Meer entfernt)  |
| RC5                                   | very high<br>sehr hoch      | Industrial, coastal and maritime areas with high humidity and aggressive atmospheres and high salinity (1 to 3 km from the sea)<br>Industrie-, Küsten- und Meeresgebiete mit hoher Luftfeuchtigkeit und aggressiver Atmosphäre und hohem Salzgehalt (1 bis 3 km vom Meer entfernt)              |