

## Tekniske egenskaber for Multi EP produkter

### Engelsk

|                         |                              |  |                                  |
|-------------------------|------------------------------|--|----------------------------------|
| Technical data          | Hardness                     | EP-7245-1:                                     | 85 ± 3 Shore (D)                 |
|                         | Specific weight:             | Component A                                    | 1.205 ± 0.1 [g/cm <sup>3</sup> ] |
|                         |                              | Component B:                                   | 0.95 ± 0.1 [g/cm <sup>3</sup> ]  |
|                         |                              | Mixture 2:1                                    | 1.12 ± 0.1 [g/cm <sup>3</sup> ]  |
|                         | Viscosity at 23°C / 73°F     | Component A                                    | 11,000 ± 2,000 mPa*s             |
|                         |                              | Component B:                                   | 3,000 ± 600 mPa*s                |
|                         | Pot life time at 23°C / 73°F | 15 ± 5 min. (2 time increase of the viscosity) |                                  |
|                         | Dry surface at 23°C / 73°F   | 120 min. ± 15 min. (at 5°C / 51°F: 240 min.)   |                                  |
|                         | Return to service time       | 4 hours ± 15 min. at 23°C (at 5°C: 12 hours)   |                                  |
|                         | Complete curing              | 3 days at 23°C / 73°F (at 5°C / 51°F: 7 days)  |                                  |
|                         | Compressive strength         | At 23°C after 7 days (ASTM D695)               | > 120 N/mm <sup>2</sup>          |
|                         | Elongation at break          | At -40°C / -40°F                               | 1.97 %                           |
|                         |                              | At 23°C / 73°F                                 | 3.66 %                           |
|                         |                              | At 100°C / 212°F                               | 4.70 %                           |
|                         | E-Module at 23°C / 73°F      | At 23°C / 73°F                                 | 3,000 N/mm <sup>2</sup>          |
|                         | Typical shear resistance     | Steel S235JR (1.0038)                          | 24 N/mm <sup>2</sup>             |
|                         |                              | Stainless steel X5CrNi18-10 (1.4301)           | 23 N/mm <sup>2</sup>             |
|                         |                              | Aluminum AlMgSi0.5 (AW-6060)                   | 18 N/mm <sup>2</sup>             |
|                         |                              | Multiface 5 hard                               | 12 N/mm <sup>2</sup>             |
|                         | Abrasion resistance          | ASTND4060                                      |                                  |
| Water absorption        | At 85 °C / 185°F             | 1.73 %   |                                  |
| Surface resistivity     | Ohm (IEC 60093)              | > 10 <sup>14</sup>                             |                                  |
| Test voltage after 24 h | KV/100 µm                    |  |                                  |
| Shrinkage               | At 23°C / 73°F               | 1% - 1.5 %                                     |                                  |

### Dansk

|                              |                                   |   |                                  |
|------------------------------|-----------------------------------|---|----------------------------------|
| Tekniske data                | Hårdhed                           | EP-15:  | 85 ± 3 Shore (D)                 |
|                              | Specifik vægt:                    | Komponent A   | 1.205 ± 0.1 [g/cm <sup>3</sup> ] |
|                              |                                   | Komponent B:  | 0.95 ± 0.1 [g/cm <sup>3</sup> ]  |
|                              |                                   | Blanding 2: 1   | 1.12 ± 0.1 [g/cm <sup>3</sup> ]  |
|                              | Viskositet ved 23 ° C / 73 ° F    | Komponent A   | 11,000 ± 2,000 mPa*s             |
|                              |                                   | Komponent B:  | 3,000 ± 600 mPa*s                |
|                              | Brugstid ved 23 ° C / 73 ° F      | 15 ± 5 min. (2 gange stigning i viskositeten)           |                                  |
|                              | Tør overflade ved 23 ° C / 73 ° F | 120 min. ± 15 min. (ved 5 ° C / 51 ° F: 240 min.)       |                                  |
|                              | Vend tilbage til servicetid       | 4 timer ± 15 min. ved 23 ° C (ved 5 ° C: 12 timer)      |                                  |
|                              | Komplet hærdning                  | 3 dage ved 23 ° C / 73 ° F (ved 5 ° C / 51 ° F: 7 dage) |                                  |
|                              | Trykstyrke                        | Ved 23 ° C efter 7 dage (ASTM D695)                     | > 120 N/mm <sup>2</sup>          |
|                              | Brudforlængelse                   | Ved -40 ° C / -40 ° F                                   | 1.97 %                           |
|                              |                                   | Ved 23 ° C / 73 ° F                                     | 3.66 %                           |
|                              |                                   | Ved 100 ° C / 212 ° F                                   | 4.70 %                           |
|                              | E-modul ved 23 ° C / 73 ° F       | Ved 23 ° C / 73 ° F                                     | 3,000 N/mm <sup>2</sup>          |
|                              | Typisk forskydningsmodstand       | Stål S235JR (1.0038)                                    | 24 N/mm <sup>2</sup>             |
|                              |                                   | Rustfrit stål X5CrNi18-10 (1.4301)                      | 23 N/mm <sup>2</sup>             |
|                              |                                   | Aluminium AlMgSi0.5 (AW-6060)                           | 18 N/mm <sup>2</sup>             |
|                              |                                   | Multiface 5 hårdt                                       | 12 N/mm <sup>2</sup>             |
|                              | Slidstyrke                        | ASTND4060   |                                  |
| Vandabsorption               | Ved 85 ° C / 185 ° F              | 1.73 %  |                                  |
| Overflademodstand            | Ohm (IEC 60093)                   | > 10 <sup>14</sup>                                      |                                  |
| Test spænding efter 24 timer | KV / 100 µm                       |   |                                  |
| Krympning                    | Ved 23 ° C / 73 ° F               | 1% - 1.5 %  |                                  |