

**Technical Data Sheet**

**Flexible plastic HDPE sheets for waterproofing type V according to EN 13967**

Commercial name: ***PDM 400 black***

| Characteristic   | Test Method                           | Unit              | Performance        |
|--|---------------------------------------|-------------------|--------------------|
| Length   | EN 1848-2                             | m                 | 20 ±5%             |
| Width  | EN 1848-2                             | m                 | ±10%               |
| Thickness  | EN 1849-2                             | mm                | 0,35 ±15%          |
| Mass   | EN 1849-2                             | g/m <sup>2</sup>  | 400 ±5%            |
| Visible defects  | EN 1850-2                             | Visible defects   | No visible defects |
| Water tightness to liquid water                        | EN 1928                               | Pass              | Pass               |
| Resistance to static loading                           | EN 12730                              | kg                | ≥20kg              |
| Impact test  | EN 12691                              | mm                | NPD                |
| Tensile properties:                                    | EN 12311-2                            |                   |                    |
| - Maximum tensile force                                |                                       | N/50 mm           | ≥75 md<br>≥80 cmd  |
| - Elongation   |                                       | %                 | ≥30 md<br>≥40 cmd  |
| Durability of watertightness against artificial ageing | EN 1296 and EN 1928                   | -                 | NPD                |
| Durability of watertightness exposure to chemicals     | EN 1296 and EN 1928                   | -                 | NPD                |
| Resistance to tear (nail shank)                        | EN 12310-1                            | N                 | ≥250 md            |
|  |                                       |                   | ≥250 cmd           |
| Bitumen compatibility                                  | EN 1548 and EN 1928                   | Pass              | N.A.               |
| Joint strength   | EN 12317-2                            | N/50 mm           | N.A.               |
| Resistance to deformation under load                   | Annex B EN 13967<br>or<br>EN 25619    | kN/m <sup>2</sup> | ≥155               |
| Reaction to fire                                       | Classes in accordance with EN 13501-5 |                   | NPD                |
| Dangerous substances                                   | According to national regulations     | -                 | -                  |