

HIGH QUALITY

The boards have high quality and many advantages. Among other things, they are resistant to chemicals, they have a high abrasion resistance and a long lifetime.

MANY PURPOSES

The panels can be used, for example, on construction sites, in livestock buildings and other industries and as a sliding and wear plate.

LARGE SELECTION

Smooth is available in different standard sizes and thicknesses. See overview below. For other sizes and colors: contact the responsible Key Account Manager in your area.

The boards are available in different standard sizes and thicknesses. You can also get your logo on the boards.

For other sizes and colors: contact the responsible Key Account Manager in your area.

DAN-Board Smooth

DAN-Board SMOOTH is a stable plastic board that is smooth on both sides. The product is made of 100% recycled LDPE recycled plastic. The boards have many advantages. Among other things, they are resistant to chemicals, they have a high wear resistance and a long lifespan. They are also easy to handle and therefore suitable for many applications.



| | |
|-----------|--------------------------------|
| LENGTH | 2.000 - 2.400 - 3.000 mm |
| WIDTH | 1.000 - 1.200 - 1.500 mm |
| THICKNESS | 6 - 8 - 10 - 12 - 15 - 18 mm |
| COLOR | Grey - Black - Neutral - White |



| | |
|-------------------------------|---|
| RAW material | Recycled plastic. Type: LDPE |
| Delivery method / Application | Boards |
| Standard surface | Smooth |
| Machining | Sawing, drilling, milling, shaping, welding |

| Mechanical properties (at 23°C) | DIN EN ISO | Units | |
|---------------------------------|----------------|-------------------|-----------|
| Density | 1183 | g/cm ³ | 0,94 |
| Tensile stress | 527 | MPa | 12 |
| Tensile strength | 527 | MPa | 7 |
| Stretch extension | 527 | % | 140 |
| Pull E-Modul | 527 | MPa | 450 |
| Bend E-Modul | 178 | MPa | 500 |
| Impact resistance | 179-1/1eU | KJ/m ² | no breaks |
| Abrasion resistance (at 1000 g) | ASTM-D-4060-10 | Wear Index | ca. 45 |

| Thermal properties | | Units | |
|--------------------------|------------------|-------------|-----------|
| min./max. usage temp. | | °C | -40 to 70 |
| Linear thermal expansion | DIN EN ISO 11359 | mm/(m•10°C) | 1,8 |

| Chemical and physical properties | | |
|----------------------------------|-----------------|-----|
| Fire class | EN 13501-1:2018 | Efl |

Products are generally highly resistant to acids, alkalis and solvents