

#### **HIGH QUALITY**

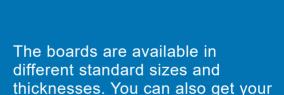
The boards have high quality and many advantages. Among other things, they are resistant to chemicals, they have a high abrasion resistance and a long lifetime.

### **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.



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logo on the boards.



# **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







## **DAN-Board Smooth**



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/cm3	0,94		
Tensile stress		527		MPa	12		
Tensile strength		52	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/m2	no breaks		
Abrasion resistance (at 1000 g)		ASTM-D-	ASTM-D-4060-10		Wear Index	ca. 45	
Thermal properties			Units		Units		
min./max. usage temp.			°C		°C	-40 to 70	
Linear thermal expansion	DIN	EN ISO 11359	9 mm/(m•10°C)		nm/(m•10°C)	1,8	
Chemical and physical properties							
Fire class		EN 13501-1:2018		-1:2018	Efl		
Products are generally highly resistant to acids, alkalis and solvents							

All figures are approximate and may vary from processing methods, additives, environmental influences etc. Values cannot be guaranteed.