

DAN-Board plain

DAN-Board plain is a stable plastic plate with a smooth surface and base. The product is made from 100% recycled plastic and is available in LDPE and has many advantageous properties, such as resistance to chemicals, high mechanical strength and high abrasion resistance, ensuring a long service life.

Plastic sheets

DAN-Board plain plastic sheets are easy to handle, and are therefore suitable for a wide range of applications, such as:

- Building board for agricultural products and other industries
- Slide and wear plate

And many more options for our DAN-Board boards.

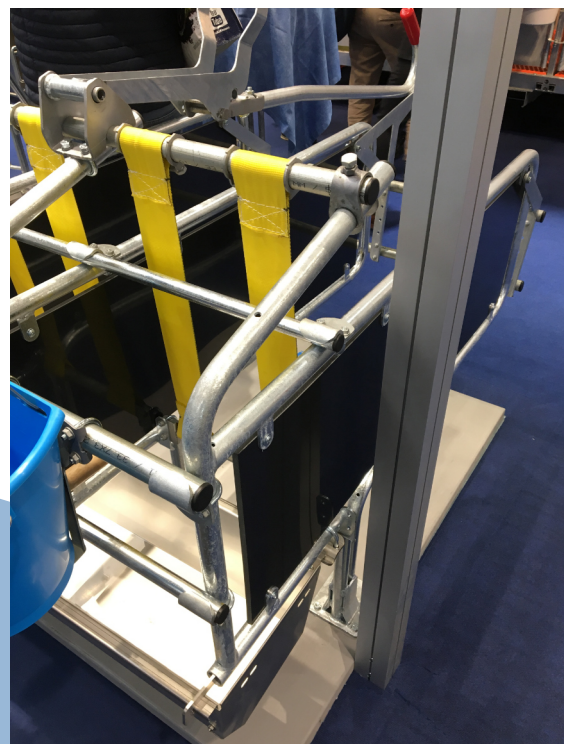
Product properties

- Made of 100% recycled plastic LDPE-Compound.
- Can handle temperatures of -40 C° to 70 C°.
- Resistant to liquids and chemicals.
- Can be custom tailored if the customer wishes (Thickness, size and color)



The plastic sheets can be processed by the usual mechanical and thermal processes, they can be:

- Cut
- Sawed
- Drilled
- Planed
- Milled
- Screwed
- Heat formed
- Welded





Standard sizes

Product number	Product	Measurements	Color	Piece weight (kg)	Pr. pallet
1300015000600	DAN-Board Plain LDPE	3000 x 1500 x 6 mm	Black	25,4	60 sheets
1300015000900	DAN-Board Plain LDPE	3000 x 1500 x 9 mm	Black	38,1	45 sheets
1300015001000	DAN-Board Plain LDPE	3000 x 1500 x 10 mm	Black	42,3	40 sheets
1300012001200	DAN-Board Plain LDPE	3000 x 1200 x 12 mm	Black	40,6	30 sheets
1300015001200	DAN-Board Plain LDPE	3000 x 1500 x 12 mm	Black	50,8	30 sheets
1300015001500	DAN-Board Plain LDPE	3000 x 1500 x 15 mm	Black	63,5	25 sheets
1300015001800	DAN-Board Plain LDPE	3000 x 1500 x 18 mm	Black	76,2	20 sheets

2240012000600	DAN-Board Plain LDPE	2400 x 1200 x 6 mm	Grey	16,3	60 sheets
2300012000600	DAN-Board Plain LDPE	3000 x 1200 x 6 mm	Grey	20,3	60 sheets
2300015000600	DAN-Board Plain LDPE	3000 x 1500 x 6 mm	Grey	25,4	60 sheets
2300015001000	DAN-Board Plain LDPE	3000 x 1500 x 10 mm	Grey	42,3	40 sheets
2240012001200	DAN-Board Plain LDPE	2400 x 1200 x 12 mm	Grey	32,5	30 sheets
2300012001200	DAN-Board Plain LDPE	3000 x 1200 x 12 mm	Grey	40,6	30 sheets
2300015001200	DAN-Board Plain LDPE	3000 x 1500 x 12 mm	Grey	50,8	30 sheets

5240012000600	DAN-Board Plain LDPE	2400 x 1200 x 6 mm	White	16,3	60 sheets
5300012000600	DAN-Board Plain LDPE	3000 x 1200 x 6 mm	White	20,5	60 sheets
5240012001200	DAN-Board Plain LDPE	2400 x 1200 x 12 mm	White	32,8	30 sheets
5300012001200	DAN-Board Plain LDPE	3000 x 1200 x 12 mm	White	41,1	30 sheets



Technical data

Type	LDPE
Raw material	recycled LDPE-compound
Delivery form	boards
Standard surface	smooth
Colours	black, grey
Thickness	3 -18 mm
Standard dimensions	3000 mm x 1500 mm 3000 mm x 1000 mm 2400 mm x 1200 mm 2000 mm x 1000 mm
Maximum length	3500 mm
Maximum width	2200 mm
Other dimensions and colours	on request
Range of applications	several applications in the livestock equipment industry, stable construction, at entrepreneurs, landscape gardeners etc.

Working possibilities

Sawing	x
Drilling	x
Routing	x
Bending	x
Thermoforming	x
Welding	x

Mechanical properties (at 23 °C)

	DIN EN ISO	Unit	
Density	1183	g/cm ³	0,94
Yield stress	527	MPa	12
Breaking strength	527	MPa	7
Elongation at rupture	527	%	140
Modulus of elasticity in tension	527	MPa	450
Flexural modulus of elasticity	178	MPa	500
Impact strength	179-1/1eU	kJ/m ²	no break
Abrasion resistance (at 1000 g)	ASTM-D-4060-10	Wear Index	ca. 45

Thermal properties

min./max. service temperature		°C	-40 bis 70
Linear thermal expansion	DIN EN ISO11359	mm/(m·10 °C)	1,8

Chemical and physical resistance

Degree of flammability	DIN 4102		B2
		The resistance of these products to acids, leaches and solvents is generally spoken very good.	

All informations given are indications and may vary as a result of working methods, additives, environmental influences etc. All details are given without liability on our part.