



Murdotec
KUNSTSTOFFE

MURDOTEC[®] 500 ICE

produced on the basis of PE-HMW TG 2.1

Our solution for artificial ice rinks

Murtfeldt Group





Murdotec® 500 ICE, our solution for artificial ice rinks. No matter if ice hockey, figure skating, curling or ice stick shooting. In any season of the year, Murdotec® 500 ICE provides the opportunity to pursue different sports on ice.



Key facts at a glance

Quick installation of huge areas

Weather-independent use

No additional lubrication needed

Energy-saving alternative to real ice

Sustainable material due to its perfect recyclability

Dasher boards available in Murdotec® 500 blue, yellow, red

Technical properties	Unit
Density	≤ 0,94 g/cm ³
Water absorption – saturation at 23°C	< 0,01 %
Shore hardness D	60-63
Friction against steel (0,25 m/s, 0,25 N/mm ²)	0.10 μ
Linear thermal coefficient of expansion – average value between 23 und 60 °C	20×10 ⁻⁵ m/(K × m)
Weight of 1 m ² with a thickness of 20 mm	approx. 20 kg
Weight of 1 m ² with a thickness of 13 mm	approx. 13 kg



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