



NAUTICHEM® WKT Sealing Compound

TECHNICAL PROPERTIES

Consistency:	Type H: self levelling
Type S:	paste like, non-sag
Color:	Type H: black
Type S:	black, white, grey, brown, transparent
Number of components:	1
Density:	1.5 g/m ³ (at 20 °C, DIN 51757)
Shore-A:	13 (DIN 53 505)
Application Temperature:	from +5 °C to +40 °C
Skin Forming Time:	20 min
Curing Time:	2-3 mm / 24 h
Shrinkage at Cure:	< 5%
Modulus (100% elongation):	approx. 0,24 N/mm ² (DIN 53504, S1)
Tensile Strength:	1,2 N/mm ² (DIN 53504, S1)
Elongation at Rupture:	> 400 %
Tear Propagation Resistance:	3,8 N/mm
Combined Tension and Shear Resistance:	0,8 N/mm ²
Temperature Stability:	from -50 °C to +180 °C (over a short period even higher) the mechanical properties of WKT-Sealing Compound are practically independent of the temperature
Ageing Stability:	<ul style="list-style-type: none">• extremely non-ageing• extraordinary weather resistance• extraordinary UV-resistance• extraordinary resistance to seawater• UV- / weathering-tests show no significant effect
Chemical Resistance:	<ul style="list-style-type: none">• good resistance to greases and oils (long-term exposure to light mineral oils e.g. Diesel oil can lead to a reversible swelling reaction)• good resistance to weak acid and alkaline solutions• good resistance to all common deck cleaning agents
Packaging:	Type H: 30 ml tube, 310 ml cartridge, 570 ml cartridge Type S: 30 ml tube, 310 ml cartridge
Shelf Life:	>12 months from date of delivery when stored below 25°C in a dry place

The data given are average values which may vary slightly from batch to batch.