

O.C.-Plan® ECB
Waterproofing Membranes for Foundations



Technical Specification to DIN EN 13967	Product Description		
	Material Ethylen-Copolymer-Bitumen (ECB)		
	O.C.-Plan® 1015 ²⁾	O.C.-Plan® 1018 ²⁾	O.C.-Plan® 1020 ²⁾
Areas of Application			
Foundations, Walls, Roof Terraces ¹⁾	✓	✓	✓
Tunnels, Subways ¹⁾	-	-	✓
Techn. Features / Composition	homogeneous	homogeneous	homogeneous
Length to DIN EN 1848-2	20 m	20 m	20 m
Width ³⁾ to DIN EN 1848-2	2100 mm	2100 mm	2100 mm
Actual Thickness to DIN EN 1849-2	1,5 mm	1,8 mm	2,0 mm
Water Tightness to DIN EN 1928 (Method B)	passed	passed	passed
Resistance to impact to DIN EN 12691	> 300 mm	> 450 mm	> 500 mm
Durability of water tightness with simulated ageing to DIN EN 1296 and 1928 (Method B)	passed	passed	passed
Durability of water tightness under chemical influence to DIN EN 1847 and 1928 (Method B)	passed	passed	passed
Tear Resistance to DIN EN 12310-1	≥ 80 N	≥ 80 N	≥ 80 N
Water vapour diffusion resistance factor to DIN EN 1931 (Method B)	90.000	90.000	90.000
Tensile Strength to DIN EN 12311-2 (Method B)	≥ 5,0 N/mm ²	≥ 5,0 N/mm ²	≥ 5,0 N/mm ²
Elongation to DIN EN 12311-2 (Method B)	≥ 500 %	≥ 500 %	≥ 500 %
Dimensional stability to DIN EN 1107-2	along ≤ 1,2 % across ≤ 0,3 %	along ≤ 1,0 % across ≤ 0,3 %	along ≤ 1,0 % across ≤ 0,3 %
Foldability at low temperatures to DIN EN 495-5	≤ -25 °C	≤ -25 °C	≤ -25 °C
Exposure to bitumen to prEN 1548	passed	passed	passed
Colour ⁴⁾	black	black	black

¹⁾ further applications on request
³⁾ further widths on request

²⁾ not useable directly UV-exposed
⁴⁾ with one-sided silver-signal finish

The information given in our technical data sheets are based on the current knowledge and experience. The suitability for the correct application has to be secured by the user. Application has to be done according to our installation guide. Our current general business terms are valid.