

O.C.-Plan® ECB
Structural Waterproofing

Product Data Sheet according to DIN EN 13967 and DIN V 20.000-202



06
1213-CPD-018

Technical Specification to DIN EN 13967	Product Description Material: Ethylene-Copolymer-Bitumen (ECB)		
	O.C.-Plan® 1015 ²⁾	O.C.-Plan® 1018 ²⁾	O.C.-Plan® 1020 ²⁾
Areas of Application			
Foundation, Basement, Terrace ¹⁾	✓	✓	✓
Tunnels, Underpasses ¹⁾	-	-	✓
Composition	homogeneous	homogeneous	homogeneous
Techn. Features			
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 vapour diffusion resistance factor to DIN EN 1931	90.000 (Method B)	90.000 (Method B)	90.000 (Method B)
Tensile strength to DIN EN 12311-2	≥ 5 N/mm ² (Method B)	≥ 5 N/mm ² (Method B)	≥ 5 N/mm ² (Method B)
Elongation to DIN EN 12311-2	≥ 500 % (Method B)	≥ 500 % (Method B)	≥ 500 % (Method B)
Joint peel resistance to DIN EN 12316-2	≥ 400 N/50mm	≥ 400 N/50mm	≥ 400 N/50mm
Resistance to impact to DIN EN 12691	≥ 300 mm (Method A)	≥ 450 mm (Method A)	≥ 500 mm (Method A)
Tear resistance to DIN EN 12310-2	≥ 80 N	≥ 80 N	≥ 80 N
Dimensional stability to DIN EN 1107-2 <i>Longitudinal</i> <i>Transverse</i>	≤ 1,2 % ≤ 0,3 %	≤ 1,0 % ≤ 0,3 %	≤ 1,0 % ≤ 0,3 %
Foldability at low temperatures to DIN EN 495-5	≤ -25 °C	≤ -25 °C	≤ -25 °C
Durability of water tightness with simulated ageing nach DIN EN 1296 und 1928	passed (Method B)	passed (Method B)	passed (Method B)
Durability of water tightness under the chemical influence to DIN EN 1847 and 1928	passed (Method B)	passed (Method B)	passed (Method B)
Exposure to bitumen to DIN EN 1548	passed	passed	passed
Water thightness to DIN EN 1928	≥ 500 kPa (Method B)	≥ 500 kPa (Method B)	≥ 500 kPa (Method B)
Colour ⁴⁾	black	black	black

¹⁾ Other application areas on request

²⁾ Not useable directly UV-exposed

³⁾ Further widths on request

⁴⁾ With one-sided silver-signal finish

The information given in our technical data sheets is 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. The technical features can vary within the quoted tolerances. Our current general business terms are valid.