Plus Group

Flexible plastic HDPE sheets for waterproofing type V according to EN 13967

Commercial name: Geomembrane 360

Characteristic	Test Method	Unit	Performance
Length	EN 1848-2	m	20 ±2%
Width	EN 1848-2	m	±2%
Straightness	EN 1848-2	mm	≤3
Flatness	EN 1848-2	mm	≤6
Thickness	EN 1849-2	mm	0,35 ±15%
Mass	EN 1849-2	g/m^2	360 ± 10%
Visible defects	EN 1850-2	Visible defects	No visible defects
Water tightness to liquid water	EN 1928	Pass	Pass
Resistance to static loading	EN 12730	kg	≥20kg
Impact test	EN 12691	mm	NPD
Tensile properties:	EN 12311-2		
- Maximum tensile force		N/50 mm	≥200 md ≥190 cmd
- Elongation		%	≥100 md ≥90 cmd
Durability of watertightness against artificial ageing	EN 1296 and EN 1928	-	NPD
Durability of watertightness exposure to chemicals	EN 1296 and EN 1928	-	NPD
Resistance to tear (nail shank)	EN 12310-1	N	≥250 md ≥250 cmd
Bitumen compatibility	EN 1548 and EN 1928	Pass	N.A.
Joint strength	EN 12317-2	N/50 mm	N.A.
Resistance to deformation under load	AnnexBEN 13967 or EN 25619	kN/m^2	≥135
Reaction to fire	Classes in accordance with EN 13501-5		NPD
Dangerous substances	According to national regulations	-	-