

## AQUAFOIL 2250.205

### PVC membrane

Characteristics	Norms	Units	Specifications
Nominal Thickness,	DIN 53370	mm	2.0
Tensile strength	DIN 53455	N/mm <sup>2</sup>	≥16
Elongation at failure	DIN 53455	%	L:≥300 T:≥300
Compressive strength at 20%strain	DIN 53454	N/mm <sup>2</sup>	≥2.5
Tear propagation strength	DIN 53363	N/mm	≥100
Resistance under water pressure	DIN 16726		No failure at 10 bar for 10 hours
Dimensional stability after accelerated ageing	DIN 16726	%	≤2%
Strength of welded seam	16726	N/mm	≥13.5
Material characteristics after storage during 7 days at 80C			
-General appearance		%	No blister
-Dimensional stability, longitudinal and transverse	DIN 16726	%	≤ 2%
-Variation of tensile strength, L & T		%	≤±10%
-Variation of elongation at failure,L & T			≤±10%
- Folding at a temperature of -20 C			No cracking
Water absorption after 28 days	DIN 53495	%	≤ 1%
Behavior in Fire	DIN 4102/1		B2
Behavior after storage in alkaline solution	DIN 16726		≥±20%
-Variation of tensile strength L&T	&		≥±20%
-Variation of elongation at failure, L&T	DIN 16938		No cracking
--Folding at temperature of -20C			
Resistance to Aging after 2000 hours(Accelerated Weathering Tester)		No deterioration	EN 1297:2004

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 instructions for use. The technical features can vary within the quoted tolerances. Our current general business terms are valid.

**PVC**

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