

SINTOPLAN V CZ**Description**

Flexible synthetic membrane in plasticized vinyl chloride (PVC-P), obtained through a co-extrusion process. Suitable for waterproofing roofs under heavy protection, not UV resistant. Made with different colours on the two sides (Signal Layer effect) which allows you to identify any damage to the membrane during installation. High mechanical resistance and at low temperatures. It is available in the SINTOPLAN V CZ FB version with a "non-woven" polyester bonded on the lower face.

System certifications

QMS (Quality Management System) certification according to ISO 9001.

Fields of application**Specific use**

Waterproofing layers loose laid under heavy-duty protection for drive-on roofs.

Application

SINTOPLAN V CZ membranes are applied with joints sealed with hot air.

Specific accessories are available on demand to install the membranes.

See the specific documentation and contact IMPER ITALIA srl Technical Assistance for design solutions and application methods most appropriate for the different situations.

In any case, the laying surface must be smooth, clean, dry, consistent, free from oil and grease.

The waterproofing systems that use the SINTOPLAN V CZ membranes must be installed by skilled applicators, approved by IMPER ITALIA srl.

Compatibility

SINTOPLAN V CZ membranes are not suitable for direct contact with certain plastics such as EPS and XPS. In addition, they are not suitable for direct contact with bituminous materials, oils and solvents.

Safety regulations

Current regulations do not require a material safety data sheet for SINTOPLAN V CZ membranes. They do not contain asbestos, tar or other hazardous substances.

If used properly they do not damage the environment.

Not classified as hazardous goods for transport.

As a precautionary measure, it is recommended to ventilate the rooms when applying in confined areas.

TECHNICAL FEATURES⁽¹⁾

Features	EN Standards	U.M.	Tolerance	Values		
Thickness	1849-2	mm	(-5/+5%)	1,5	1,8	2,0
Density	1849-2	kg/m ²	(-5/+10%)	2,00	2,43	2,70
Tensile behaviour						
• Tensile strength L/T	12311-2/B	N/mm ²		15		
• Elongation L/T	12311-2/B	%		250		
Cold flexibility	495-5	°C		≤-35 ⁽²⁾		
Resistance to static loading	12730/B	kg		≥20		
Tear resistance L/T	12310/2	N		160		
Water tightness (24 h x 1 MPa)	1928			Absolute		
Joint strength						
• Tensile strength	12317-2	N/5 cm		Compliant (specimen fails outside bond area)		

Notes: (1) Where not otherwise specified, Tolerances as per EN 13956 and/or UEAtc Directives.

(2) Not tested at lower temperatures.

PRODUCTION STANDARDS

Thickness^(*)	mm	1,5	1,8	2,0
Width	m	2,10	2,10	2,10
Length^(*)	m	25	20	20
Colour		Green or Grey / Black		

(*) Different thicknesses and lengths are available on demand and for minimum quantities.

Rev. 00 (11-15)

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ISO 9001
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Certification



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