



TECHNONICOL

PREMIUM



LOGICROOF

SINGLE-PLY PVC SYNTHETIC MEMBRANES

KNOWLEDGE. EXPERIENCE. CRAFTSMANSHIP.

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MODERN ROOFING SOLUTIONS

Buildings of all types require a durable roof. The roof should have a long service life without substantial repair. Use of long-lasting roofing systems made of synthetic membranes is a modern solution, which combines reliability and rapid installation.

LOGICROOF PVC membranes are high-tech materials, designed for long-term waterproofing of buildings and structures. They are contemporary, reliable and durable waterproofing materials produced using co-extrusion technology - currently the best on the market.

FEATURES



DURABILITY

The main reason for the failure of roofing materials is ageing. LOGICROOF membranes have a 200- μm special protective top layer with highly concentrated stabilizers, which block UV radiation that can harm the structure of the polymer.



INTEGRITY

Technical assistance for designers, engineers and investors throughout the entire process from design to realization of a project.



SELF-EXTINGUISHABLE

The plastic compound used in each layer of the membrane contains different types of high-quality flame retardants and fireproof filling. This slows oxidation at high temperatures and prevents the membrane from burning when unexpectedly exposed to sources of ignition.



INSTALLATION ANYTIME

Installation can be carried out all year round regardless of the season or temperature. LOGICROOF membranes are perfectly designed and can even be welded in cold or wet conditions.



VIRGIN POLYMERS ONLY

LOGICROOF PVC membranes are produced from virgin polymers. This provides the membranes with the highest stability.



DURABLE PACKAGING

Every roll of LOGICROOF membrane is protected in individual UV- and contamination-resistant PE packaging.

APPROVED QUALITY

The high quality of LOGICROOF's membranes is backed up by the numerous certificates it has received from organisations all over the world.



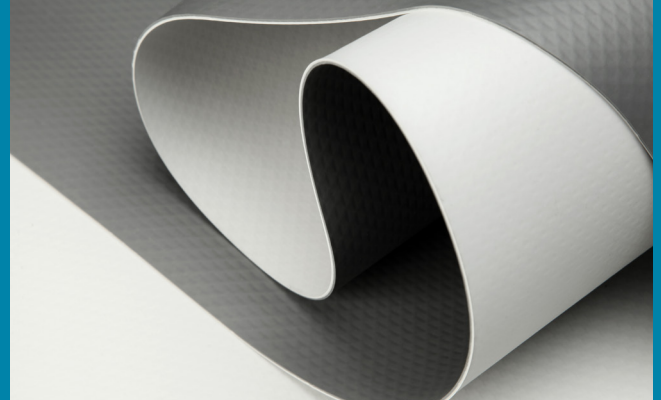
ROOFING PVC MEMBRANES

Our materials are produced on an advanced automated line using co-extrusion method, which ensures material uniformity.

LOGICROOF V-RP

PVC membrane reinforced with a special polyester mesh.
To be installed at a temperature over -20 °C.

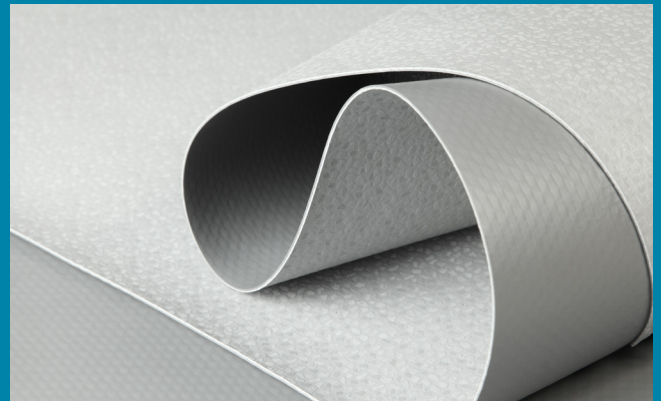
Thickness, mm	1.2	1.5	1.8	2.0
Tensile strength L/T, N/50 mm	1100 / 900			
Elongation L/T, %	≥ 18			
Flexibility, °C	-35			
Volume on pallet, m ²	945	756	567	567



LOGICROOF V-RP T

PVC membrane reinforced with a special polyester mesh.
T - Special skid-resisting textured surface.
To be installed at a temperature over -20 °C.

Thickness, mm	1.2	1.5	1.8	2.0
Tensile strength L/T, N/50 mm	1100 / 900			
Elongation L/T, %	≥ 18			
Flexibility, °C	-35			
Volume on pallet, m ²	945	756	567	567



LOGICROOF V-RP FB

PVC membrane reinforced with a special polyester mesh. Special laminated geotextile fleece under layer. Ideal for renovation.

Thickness, mm	1.5	2.0
Tensile strength L/T, N/50 mm	1100 / 900	
Elongation L/T, %	≥ 18	
Flexibility, °C	-30	
Volume on pallet, m ²	630	567

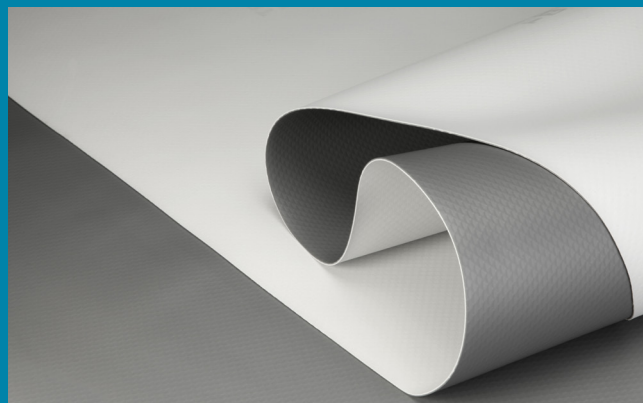


PVC MEMBRANES FOR SPECIAL APPLICATION

LOGICROOF V-GR

PVC membrane reinforced with glassfiber.
Resistant to punctures and damages.
Contains fungicidal additives - plant root penetration resistance.

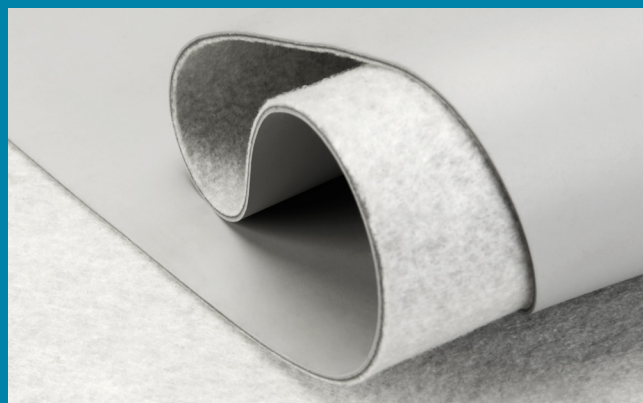
Thickness, mm	1.5	1.8	2.0	2.4
Tensile strength L/T, N/50 mm	800 / 600			
Elongation L/T, %	≥ 200			
Flexibility, °C	-30			
Volume on pallet, m ²	738	553.5		



LOGICROOF V-GR FB

PVC membrane reinforced with a glassfiber Special laminated geotextile fleece under layer. Can be produced with special skid-resistant textured surface. Ideal for renovation.

Thickness, mm	1.5	1.8	2.0	2.4
Tensile strength L/T, N/50 mm	800 / 600			
Elongation L/T, %	≥ 200			
Flexibility, °C	-30			
Volume on pallet, m ²	553.5			



LOGICROOF V-SR

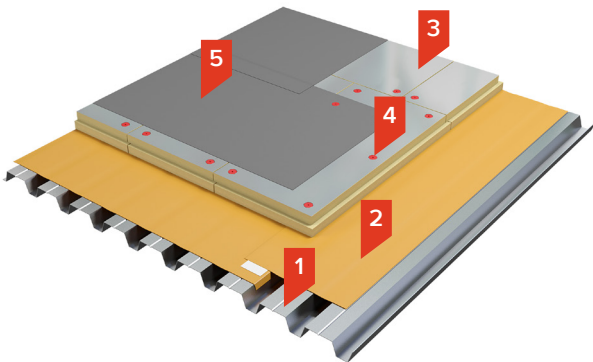
PVC membrane without reinforcement (with high elasticity).
It is used for reinforcing and linking of different parts in various roof structures such as pipes and funnels.

Thickness, mm	1.5	2.0
Tensile strength L/T, Mpa	16/15	
Elongation L/T, %	≥ 200	
Flexibility, °C	-30	
Volume on pallet, m ²	420	600



ROOFING SYSTEMS LOGICROOF

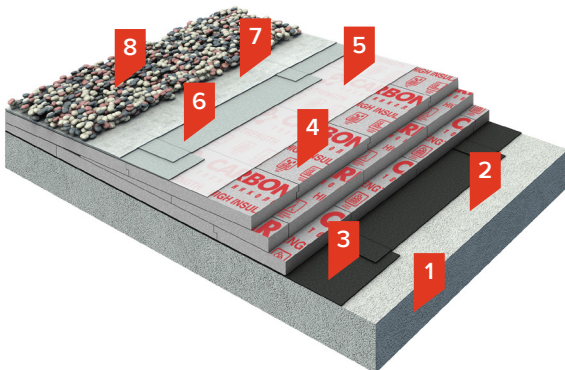
Design of reliable roofing system is based on three main principals: components integrity, substrate or structure durability and careful elaboration of details.



MECHANICALLY FIXED ROOFING SYSTEM

This system provides the fastest installation under varied weather conditions. It is most popular for non-accessible roofs with large surface areas. It has a high level of resilience to strong wind and movement of the structure.

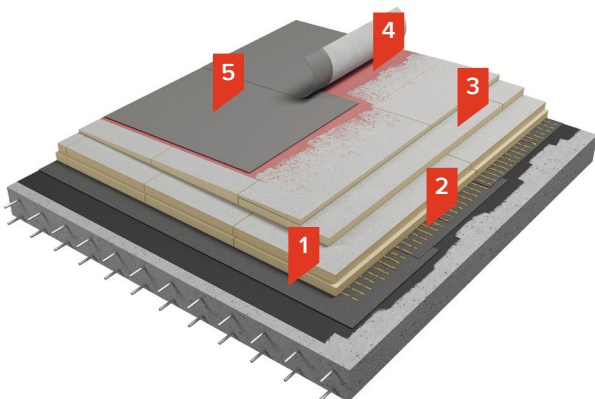
1. Corrugated steel sheet
2. Vapor barrier
3. PIR thermal insulation boards
4. Mechanical fixation
5. LOGICROOF V-RP, LOGICROOF V-RP T



BALLASTED ROOFING SYSTEM

In this system the membrane is protected against UV radiation and life-loads by an upper layer of ballast or paving slabs. It is used for terraces and accessible roofs.

1. Reinforced-concrete
2. Primer
3. Vapor barrier
4. EPS thermal insulation boards
5. Geotextile 300 g/m²
6. LOGICROOF V-GR
7. Geotextile > 300 g/m²
8. Ballast



FULLY ADHERED ROOFING SYSTEM

This special roofing system is used when mechanical fixation of the membrane to a substrate is not possible or the highest resistance against wind upload is required. This is also a practical solution for roofs renovation.

1. Existing roof system
2. Foam LOGICROOF Spray
3. PIR thermal insulation boards
4. Adhesive LOGICROOF Spray
5. LOGICROOF V-RP FB

REFERENCES LIST



Distribution centre Tchibo, Cheb, Czech Republic
LOGICROOF V-RP 1.5 mm | 65.000 m²



Toyota plant, St. Petersburg, Russia
LOGICROOF V-RP 1.5 mm | 60.000 m²



Hypermarkets OBI, Russia
LOGICROOF V-RP 1.2 mm | 150.000 m²



Olympic Stadium, Moscow, Russia
LOGICROOF V-RP FB 1.8 mm | 40.000 m²



Spartak Moscow stadium, Moscow, Russia
LOGICROOF V-RP 1.2 mm | 36.000 m²



Kurumoch International Airport, Kurumoch, Russia
LOGICROOF V-RP 1.5 mm | 44.000 m²

