

ROOF-TOP

Roofing membrane for ventilated roofs

Description	Technical data
<p>The waterproofing membrane ROOF-TOP can be installed on ventilated (cold) roofs onto the sheeting. Alternatively, it can be used on cold roofs without sheeting. In that case, the membrane should be placed onto the rafters or the counter battens that encompass the thermal insulation - either stretched or sagging. The membrane is also used in (cold) roofs made of reinforced concrete and is placed onto the counter battens.</p> <p>The waterproofing membrane consists of a layer of oxidized bitumen that forms the absolute insulation against water, humidity and vapor and is covered with thin, protective polyethylene films.</p> <p>The membrane has minimum vapor permeability ($S_d > 100$ m) due to its bituminous composition, so it is recommended that the joints of successive leaves should not be sealed in order to allow vapor (not water) to pass through and let the roof breathe. Moreover, the membrane is very easily mounted, as well as tear resistant because of its low weight, satisfactory flexibility and great tensile strength.</p> <p>In case a vapor-barrier is required, ROOF-TOP is ideally combined with the roofing membrane – vapor barrier DELTA-REFLEX.</p>	<p>Material: 3 layers – modified bitumen layer between thin polyethylene films</p> <p>Reinforcement: non-woven polyester</p> <p>Tensile strength (EN 12311-1):</p> <ul style="list-style-type: none"> • Longitudinal: 500 N/5 cm • Transverse: 300 N/5 cm <p>Elongation (EN 12311-1):</p> <ul style="list-style-type: none"> • Longitudinal: 35% • Transverse: 35% <p>Tear resistance (EN 12310-1):</p> <ul style="list-style-type: none"> • Longitudinal: 120 N • Transverse: 150 N <p>Resistance to static load (EN 12730):</p> <ul style="list-style-type: none"> • Method A: 20 kg • Method B: 20 kg <p>Impermeability(EN 1928): waterproofing membrane</p> <p>Vapor-permeability $S_d > 100$ m</p> <p>Resistance to temperature changes: -40°C up to +90°C</p> <p>Weight: available in two types: 650 & 800 gr/m²</p>

Packaging

Rolls of 1 m x 30 m (30 m²) each.

ISOMAT S.A.
 BUILDING CHEMICALS, MORTARS & PAINTS
 HEADQUARTERS – THESSALONIKI, GREECE
 17th km Thessaloniki – Ag. Athanasios Road
 P.O. BOX 1043, 570 03 Ag. Athanasios, Greece
 T +30 2310 576000
www.isomat.eu e-mail: support@isomat.eu

