

<b>Description:</b>	<b>Bituminous membrane for roof waterproofing.</b>
<b>Composition:</b>	<b>Carrier in fiberglass, waterproofing APP modified bitumen mass; antiadherent upper layer in thermoplastic film and lower layer in thermoplastic film.</b>
<b>Application:</b>	<b>By torching or by nailing if pitch is over 20°. Application Temperature &gt;+5°C.</b>

## DIMENSIONS

				tol.
Lenght	EN 1848-1	m	≥ 10	-
Width	EN 1848-1	m	≥ 1	-
Weight per Unit Area	EN 1849-1	kg/m <sup>2</sup>	3,4	± 10%
Straightness	EN 1848-1	20mm/10m	pass	-

## CHEMICAL AND PHYSICAL PROPERTIES

				tol.
Visible Defects	EN 1850-1	Visivo	without defects	-
Tensile Resistance MD/CMD	EN 12311-1	N/5cm	300/200	± 20%
Elongation MD/CMD	EN 12311-1	%	>2	-
Resistance to Tearing (Nail Method)	EN 12310-1	N	>70	-
Shear Resistance of Joints	EN 12317-1	N/5cm	300/200	-20%
Resistance to Impact (Method A)	EN 12691	mm	≥ 500	-
Resistance to Static Loading (Method A)	EN 12730	Kg	≥ 5	-
Dimensional Stability MD/CMD (Method A)	EN 1107-1	%	< 0,3	-
Flexibility at Low Temperatures	EN 1109	°C	< 0	-
Flow Resistance at High Temperatures	EN 1110	°C	>110	-
Waterproofing (Method B)	EN 1928	kPa	≥ 10	-
Water Vapour Transmission	EN 1931	μ	>20000	-
Flow Resistance at High Temperatures, after Thermal Aging	EN 1296 / EN 1110	°C	-	-
Flexibility at Low Temperatures, after Thermal Aging	EN 1296 / EN 1109	°C	-	-
Waterproofing after Artificial Aging by Long Term Exposition to High Temperature	EN 1296 / EN 1928	kPa	≥ 10	-
Artificial Aging by Long Term Exposition to a Combination of UV Radiations, High Temperature and Water	EN 1297 / EN 18501	Visivo	-	-
Waterproofing after Exposition to Chemical Agents	EN 1847 / EN 1928	kPa	≥ 10	-
Adhesion of Granules	EN 12039	%	-	-

## FIRE BEHAVIOR

External Fire Resistance	EN 13501-5	Classe	<b>F Roof</b>
Reaction to Fire	EN 13501-1	Classe	<b>F</b>

## PACKAGING

Type	Adhesive Tape
Rolls/Pallet	30
m <sup>2</sup> /pallet	300

## PRODUCT DESTINATION (according EN 13707 and 13969)

- 1 Roof waterproofing- multilayer system, underlay and intermediate layer
- 7 Damp proof sheet, Type A



<b>Safety:</b>	<b>Material is asbestos, tar compounds and dangerous substances free.</b>
<b>Storage:</b>	<b>Material is packed vertically on pallet. Keep vertically and in warehouse. Keep away from heat sources.</b>
<b>Other:</b>	<b>The producer can update the tds without notice.</b>



„FIM“ FABRIKA IZOLACIONIH MATERIJALA d.o.o.

Put Narodnih Heroja 12, 24420 Kanjiža SERBIA

tel: + 381 (0)24 874-700 ; www.fim.co.rs e-mail: office@fim.co.rs

