



# Monarplan FMD

World Reference  
in Waterproofing

## Technical Product Data



Surface Topside	Dull colour 652
Surface Bottomside	Dull colour 655
Material	PVC-P
Type of Reinforcement	Non-wick Polyester Reinforcement

Product specifications	Methode	Unit	Requirement	Tolerance
Mass per m2	EN 1849-2	gr/m2	1575-1950-2340	-5/+10%
Length	EN 1848-2	m	15 - 20	-0/+5%
Width	EN 1848-2	m	0.75-1.06-1.50-2.12	-0,5/+1%
Thickness	EN 1849-2	mm	1.2 - 1.5 - 1.8	-5/+10%
External fire performance	EN 13501-5	-	Broof t1-t2-t3	-
Reaction to fire	EN 13501-1	-	Class E	-
Watertightness	EN 1928(B)	kPa	≥ 400	-
Water vapour diffusion value	EN 1931	μ	10.000	+/- 30%
Tensile strength	EN 12311 method A	N/50mm	≥1500	-
Elongation at break	EN 12311 method A	%	≥ 15	-
Tear strength	EN 12310-2	N	≥350	-
Dimensional stability	EN 1107-1	%	≤ 0,5	-
Root resistance	EN 13948	-	n.a	-
Resistance to static loading	EN 12730	kg	≥ 20	-
Resistance to dynamic loading	EN 12691	mm	10	-
Nail tear strength	EN 12310-1	N	≥500	-
Peel strength overlap	EN 12316-2	N/50mm	≥ 100	-
Tensile strength overlap	EN 12317-2	N/50mm	≥ 700	-
Low temperature folding	EN 495-5	°C	≤ - 30	-

### Article Number

xxxxxx

### Description

Monarplan FMD is a single-ply, mechanically fastened Roofingsystem.

Monarplan FMD is non bitumen compatible, extra durable.

### Certification

CTG-613, EN-13956 0958-CPD-DK034

### Application

According to application guidelines Icopal Synthetic Membranes BV.

### Delivery

#### Delivery

Monarplan FMD Rolls are delivered on pallets, covered with PE Foil.

#### Storage and transportation.

Monarplan FMD must be stored horizontal on a flat and dry surface, at a temperature between 0 en 40°C. During storage direct sunlight has to be avoided.

#### Productidentification:

Information on the roll:

- Monarplan FMD
- Articlenuumber, rolllength, width, thickness, certificationnumber.