



# Monarplan G



EN 13956

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1349-CPD-066

## Technical Product Data

Characteristic	Value of statement	Tolerance	Test Method
Visible defects	pass	-	EN 1850-2
Length	15 / 20 m	-0/+5 %	EN 1848-2
Width	2,12 m	-0,5/+1 %	EN 1848-2
Straightness	≤ 30 mm	-	EN 1848-2
Flatness	≤ 10 mm	-	EN 1848-2
Mass per unit area	1,57 / 1,95 / 2,34 kg/m <sup>2</sup>	-5/+10 %	EN 1849-2
Effective thickness	1,2 / 1,5 / 1,8 mm	-5/+10 %	EN 1849-2
Water tightness	pass	-	EN 1928 (B)
Reaction to fire	Class E	-	EN 13501-1
Joint peel resistance	≥ 185 N/50 mm	-	EN 12316-2
Tensile strength	≥ 8 N/mm <sup>2</sup>	-	EN 12311-2 (B)
Elongation	≥ 150 %	-	EN 12311-2 (B)
Resistance to impact	≥ 500 mm	-	EN 12691 (A/B)
Resistance to static load	≥ 20 kg	-	EN 12730 (B)
Resistance to root penetration	pass	-	prEN 13948
Dimensional stability	≤ 0,1 %	-	EN 1107-2
Foldability at low temperature	≤ -30 °C	-	EN 495-5
Water vapour properties	20.000	± 30 %	EN 1931

### Description of product

Monarplan G is a single ply loose-laid, ballasted roofing system.

Monarplan G is made of polyvinylchloride (PVC-P) incompatible with bitumen.

### Type of application

According to application guidelines Icopal Synthetic Membranes BV.

### Colour

#### Standard:

Light grey and Anthracite (top)  
Anthracite and Black (bottom)

#### Other colours:

Green, White, Red, Blue and Turquoise:  
Special orders / on demand possible