

## WATER-STOP

**DESCRIPTION:** Plastic sheet (EVA C) with nonwoven synthetic fibres on both sides, for waterproofing floors and walls on flat roofs, terraces, balconies, swimming pools, flower boxes, fountains, and other outdoor surfaces and indoor wet areas.

**USE:** Fixing with adhesive cement in bonded system and protected foil under cladding.

**STANDARD:** EN 13956:2012, ATEC CSTB 13/19-1454\_V3, ATEC CSTB 13/19-1455\_V2

**MANUFACTURER:** ESTIL GURU S.L.U.

**REFERENCES:** Presentation in individually wrapped rolls.

**CE**  
16  
0799-CPR-148

REFS.	MEASURE	UNIT	WIDTH	LENGTH	AREA (M²)	WEIGHT (KG)
IF55039	1,5 x 2	m	1,5	2	3	1
IF51000	1 x 5	m	1	5	5	1,6
IF51013	1 x 10	m	1	10	10	3,2
IF52000	1 x 30	m	1	30	30	8,7
IF53000	2 x 20	m	2	20	40	11,7
IF54000	1,5 x 20	m	1,5	20	30	8,7
IF53040	2 x 40	m	2	40	80	23,4
IF63000	3 x 20	m	3	20	60	17,7



### TEST TABLES:

Essential characteristics in accordance with Annex ZA of the standard:

CHARACTERISTICS	METHOD	UNIT	TOLERANCE	VALUE
Watertightness	EN 1928	-	-	Pass
Reaction to fire	EN 13501-5	Class	-	E
Tensile properties:				
Tensile strength: L // T <sup>*1</sup>	EN 12311-2 (A)	N/50 mm	-	≥200 // ≥200
Lengthening: L // T		%	-	≥50// ≥80
Resistance to a static load	EN 12730 (B)	Kg	-	≥20
Impact resistance	EN 12691 (A)	mm	-	≥200
Resistance of overlaps:				
Peel resistance	EN 12316-2	N/50 mm	-	PND
Shear strength	EN 12317-2	N/50 mm	-	PND
Low temperature foldability	EN 495-5	°C	-	-20
UV exposure + temperature + water	EN 1297	clase	-	PND

\*1 Test direction: L - longitudinal // T - transverse

## ADDITIONAL REGULATORY INFORMATION:

Visible defects	EN 1850	m	-	Pass
Lenght	EN 1848-2	m	+5%	2/5/10/20/30/40
Width		m	-0,5% // +1%	1/1,5/2/3
Mass per unit area	EN 1849-2	g/m <sup>2</sup>	-10 // +10	260
Thickness		mm	-0,03 // +0,06	0,5
Straightness	EN 1848-2	mm	-	≤10
Flatness		mm	-	≤10
Dimensional stability	EN 1107-2	%	-	≤2
Transmission properties of water vapour:				
Moisture resistance factor (μ)	EN 1931 (B)	-	-30% // +30%	8.039
Vapour diffusion (sd value)	EN 1931 (B)	m	-30% // +30%	3,2
Vapour diffusion resistance (Z)	-	MN-s/g	-	16

Vapour barrier in accordance with the requirement of C T E - DB HS 1 (Z > 10 MN-s/g)

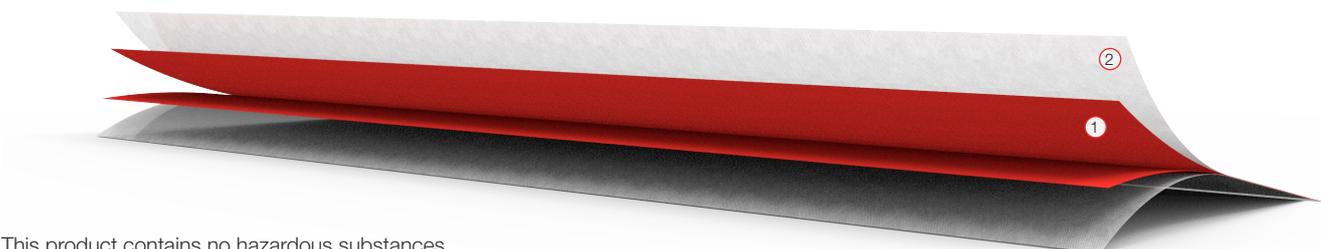
## OTHER CHARACTERISTICS:

CHARACTERISTICS	METHOD	UNIT	TOLERANCE	VALUE
Resistance to root penetration	UNE-CEN/TS 14416			Pass
Indoor air emissions: Class A+ label in accordance with French regulations (Arrêté du 19 avril 2011).				
Total VOC Emissions	EN ISO 16000-3 EN ISO 16000-6	μg/m <sup>3</sup>	< 1000	<75
Temperatures of use	-	°C	-	-20 a +80
Adhesion of cement adhesive C2 to film after 28 days (14 days in laboratory conditions + 14 days at 70°).				
Traction	EN 1348	N/mm <sup>2</sup>	-	≥0,7
Shearing	EN 1324	N/mm <sup>2</sup>	-	≥1
Water resistance of the overlap bonded with C2 cement glue	Column	1 m/24 h	-	Watertight
Crack bridging	ANSI A1118.12	mm	-	≤ 3

This product contains no hazardous substances.

## COMPOSITION:

Multi-layer structure consisting of: non-woven / double film / non-woven	
Inner film composition *1	EVA Copolymer 100 %
Non-woven outer fabric composition *2	50% Polyester / 50% Polypropylene



This product contains no hazardous substances.

## CONTROLS CARRIED OUT DURING PRODUCTION AND/OR ON THE FINISHED PRODUCT:

Compliance verification system 2+ according to **REGULATION (EU) NO. 305/2011**.

### Verification on each production batch:

- » Mass per unit area, length and width.
- » Visible defects.
- » Resistance to water penetration.
- » Tensile properties: breakage, elongation and tear strength.
- » Adhesion of the geotextile.

## INFORMATION CONCERNING USE, HANDLING AND TRANSPORT:

During transport, storage and installation, it must be handled carefully and avoid exposure to sharp or edged elements that may cause perforations, cuts or tears.

It is necessary to protect the WATER-STOP waterproofing membrane from exposure to UV rays. Proper installation under cladding must be ensured when installing outdoors.

Before starting the installation of WATER-STOP, check that the substrate meets the necessary conditions. The surface must be dry, firm, smooth, clean and suitably sloped.

It is necessary to protect the sheet from any traffic until the final protection is in place.

**TO STICK WATER-STOP TO THE SUPPORT:** On traditional masonry substrates, use cement adhesive type C2. For plaster, old ceramics and others, check that the adhesive chosen is suitable for the substrate. Apply according to the manufacturer's instructions.

**FOR BONDING WATER-STOP COATINGS:** For ceramic or similar flooring, use cement glue type C2. For wood, textiles and others, use an adhesive suitable for the coating and suitable for humidity. Apply according to the manufacturer's instructions. You will find more detailed and extensive information in the ROOF INSTALLATION GUIDE.

**FOR GLUING OVERLAPPING JOINTS:** The same type C2 tile adhesive can be used as for the installation for built-in showers and small, non-floodable indoor areas. If maximum watertightness is required, make the joints with EASEAL polymer cement or adhesive sealant type W-S MASTIC.

The information given is for information purposes only and may be changed without prior notice. Tests should be carried out as deemed appropriate to verify the suitability of the product for its intended use where this differs from that stated.

