

SUMI LEVEL

TECHNICAL DATA SHEET

revestech®



EAD 030436-00-0503

Product

Hidden square base with a horizontal siphon drain convertible to non-siphon, is provided with **ECODRY50** membrane, heat sealed on the eaves throughout the perimeter. For showers with 4 slopes.

Description

Hidden drain under ceramic piece **SUMI LEVEL**. Water is received from four slopes, and is drained through the perimeter joints of the ceramic piece, until reaching base **LEVEL** and the drain hole. The characteristics are identical to the invisible level tray, except it is smaller in size and framed in a sloped shower. Ideal for those wanting unique aesthetics and contrast-free contact with the floor.

LEVEL drain	Testing method	Unit	Value
Outlet		mm	Horizontal 40
Outlet diameter		mm	40
Flow rate	Flow according to Standard UNE-EN 274	l/s	0,58
Composition	Polypropylene		

LEVEL base	Standard	Unit	Value
FILLING MATERIAL: Fire classification	EN 13501-1		E
SHOWER FLOOR TILING: Fire flammability testing	DIN 4102-98 part 1		B2
Compressive strength WITHOUT tiling	EN 826	kPa	2000
E-Modulus	EN 826	kPa	55000
Tensile strength	EN 1607	kPa	1500
E-Modulus	EN 1607	kPa	40000
Transverse tensile strength	EN 12089	kPa	2500
Shear modulus	EN 12090	kPa	600
Thermal conductivity at 10°C	EN 12667	W/mK	0,030*
Usage limit temperatures		°C	-70 +130

*The thermal conductivity values have been defined with Standard EN 12667 over 6 weeks at an average temperature of 10°C.

Test	Standard	Results
WATER VAPOUR TRANSMISSION (Determination of properties)	UNE-EN 1931:2001	$\mu = 2496$
WATERTIGHTNESS	EOTA TR003	Watertight
RESISTANCE TO MECHANICAL DAMAGE Resistance to dynamic punching shear	EOTA TR 006	No breakage
RESISTANCE TO MECHANICAL DAMAGE (perforation) Resistance to static punching shear	EOTA TR 007	No breakage
RESISTANCE TO FATIGUE	EOTA TR 008	No breakage
RESISTANCE TO THE EFFECTS OF LOW TEMPERATURES (-10°C) Dynamic punching shear	EOTA TR 006	No breakage
MECHANICAL STRENGTH Resistance to heat ageing (200 days at 70°C) - (dynamic punching shear)	EOTA TR 011	No breakage
RESISTANCE TO FATIGUE Resistance to heat ageing (200 days at 70°C)	EOTA TR 011 and EOTA TR 008	No breakage
RESISTANCE TO WATER AGEING Resistance to ageing (punching shear)	EOTA TR 012 and EOTA TR 004	No breakage

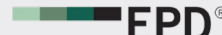
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Resistance to chemicals	Exposure for one week at room temperature
Methanol, alcohols	Not recommended
Petrol, diesel	No apparent damage
Toluene, Xylene	Not recommended
Water at 82°C for 14 days	No apparent damage
10% salt water, 50°C, 14 days	No apparent damage
Sulfuric, hydrochloric and phosphoric acids (< 10%)	No apparent damage
Sodium and potassium hydroxides (< 10%)	There is apparent damage
Acetic acid < 10%	No apparent damage
DMF, acetone, THF	Not recommended

ECODRY50 MEMBRANE



1170/014-DdP-2022/09/09
EN 13956:2012



UNE-EN ISO 1425:2010, UNE-EN 15804:
EN 15804:2012 + A2:2019 and PCR 2019:14
Register number S-P-07301

Features	Test Method	Unit	Tolerance	Value
Weight	EN 1849-2	g/m ²	MDV: -5 % and + 10 %	335
Thickness	EN 1849-2	mm	MDV: -5 % and + 10 %	0,52
Water tightness	EN 1928 Meth. B			PASS
Tensile strength	EN 12311-2 Meth. A	N/50 mm	MLV L ≥ 450 MLV T ≥ 150	L = 450 T = 150
Elongation	EN 12311-2 Meth. A	%	MLV L ≥ 25 MLV T ≥ 200	L = 25 T = 200
Overlap resistance	EN 12317-2	N/50 mm	MLV ≥ 600	600
Impact resistance	EN 12691	mm	MLV T ≥ 200	200
Static load resistance	EN 12730 Meth. B	Kg	MLV ≥ 20	20
Pliability at low temperature	EN 495-5	°C	MLV ≥ 40	-40
Reaction to fire	EN 13501-1	Euroclases		E
Length	EN 1848-2	m	MDV: -0 % and +5 %	5 and 30
Width	EN 1848-2	m	MDV: -0,5 % and + 1 %	1, 1,2 y 1,5
Visible defects	EN 1850-2			PASS
Straightness	EN 1848-2	mm	MLV g ≤ 50	50
Flatness	EN 1848-2	mm	MLV p ≤ 10	10
Dimensional stability	EN 1107-02	%	MLV L ≤ -0,2 MLV T ≤ -0,7	L = -0,2 T = -0,7

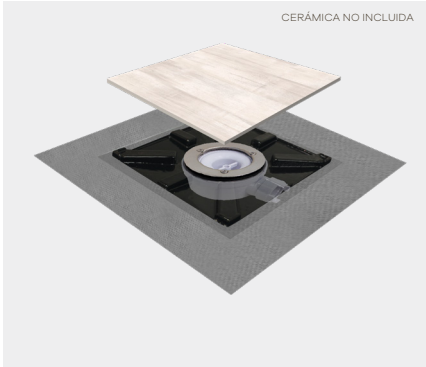
MLV: Manufacturer's Limiting Value. MDV: Manufacturer's Declared Value.

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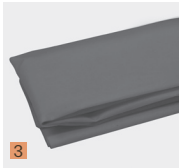
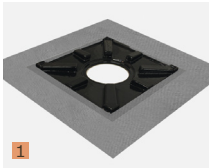
CUSTOM-MADE UPON REQUEST



Reference	Description	Base measures	Space for parts
544015361	SUMI LEVEL 20	23,8 x 23,8 cm	20 x 20 cm
544015606	SUMI LEVEL 30	33,8 x 33,8 cm	30 x 30 cm
544015903	SUMI LEVEL 40	43,8 x 43,8 cm	40 x 40 cm

Includes:

1. **SUMI LEVEL** base with **ECODRY50** heat sealed membrane.
2. Level drain.
3. **ECODRY50** membrane 1,5 x 2 m.
4. Key for cleaning.
5. **REVESTTECHFLEX** adhesive.



Above view linear sumi level base

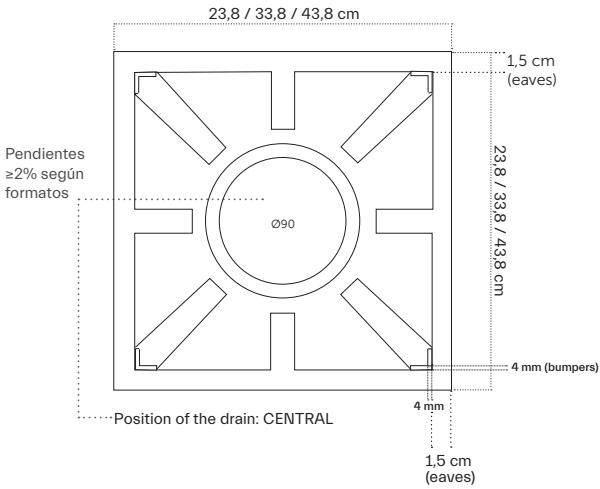
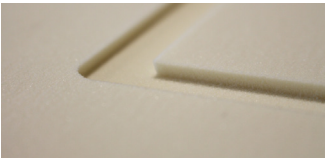
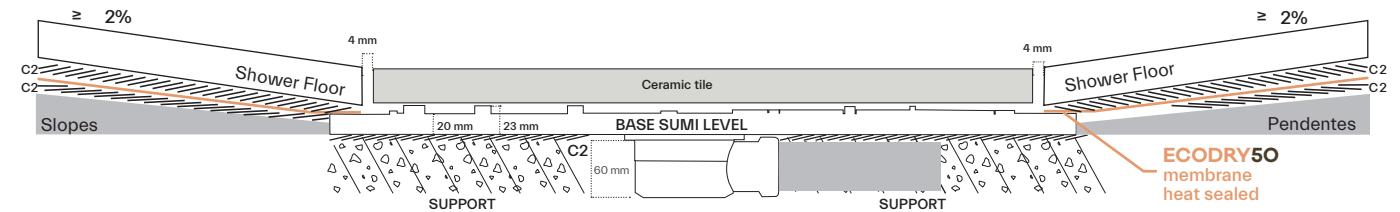


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Features dovetail-shaped grooves to improve the anchoring of C2 S1/S2 tile adhesive.



Constructive detail



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