

VALID FOR SYSTEMS



ECODRY & DRY

ECODRY120

WATERPROOFING AND
UNCOUPLING OF
ROOFS
TERRACES
ROOFTOPS
BALCONIES
YARDS
ROOF GARDENS

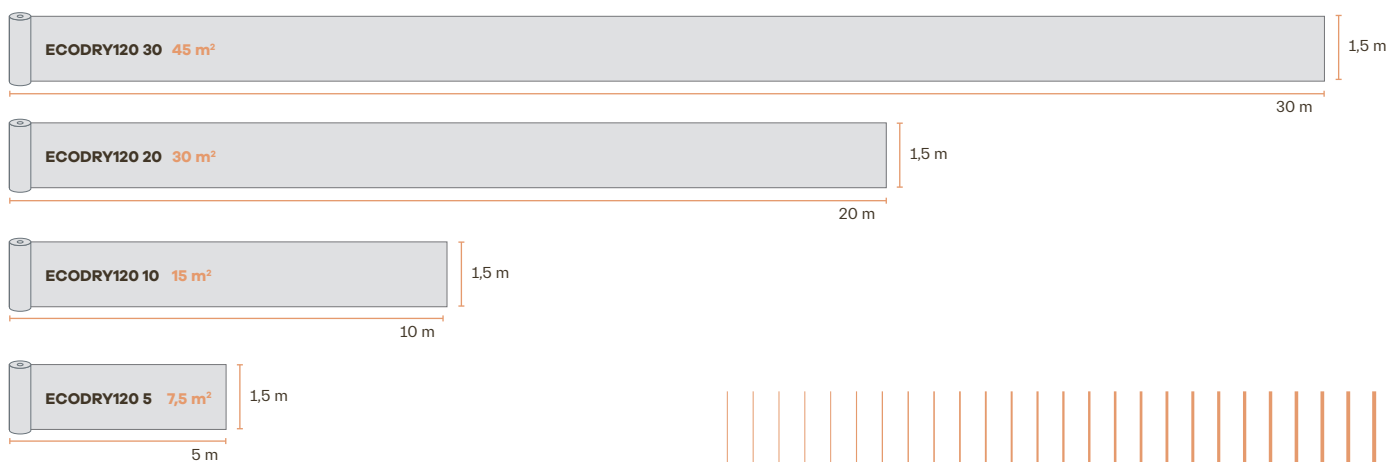
Eco-responsible multilayer membrane for the waterproofing and uncoupling under flooring of exterior spaces and walkable and nonwalkable flat areas such as terraces, rooftops, balconies and yards. Ideal for vapour compensation on areas with a residual moisture $\leq 5\%$.

It is composed of a polymeric membrane of high-performance thermoplastic polyolefins CPE (EVA-based Circular Polymer), resulting from the transformation and treatment of raw materials of circular economy, and extruded on polyester fibres.

PRODUCT

Code	Product	Roll	m ² /Roll
596351714	ECODRY120 30	Roll of 1,5 m x 30 m	45 m²
596351721	ECODRY120 20	Roll of 1,5 m x 20 m	30 m²
596351738	ECODRY120 10	Roll of 1,5 m x 10 m	15 m²
596351745	ECODRY120 5	Roll of 1,5 m x 5 m	7,5 m²

FORMATS



CHARACTERISTICS

Polyester fibres

CPE
(EVA-based
Circular Polymer)

Polypropylene fibres



WARRANTY
10 years

EPD®

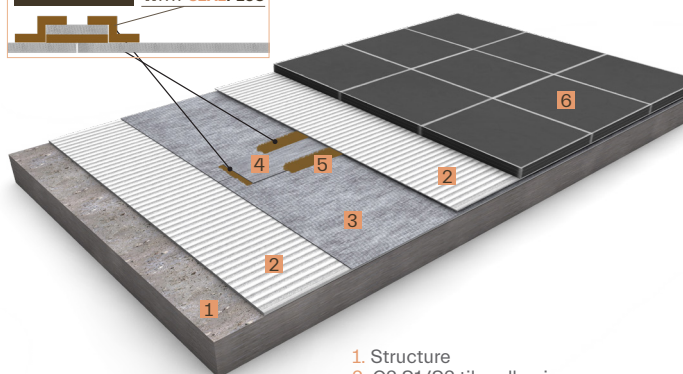
UNE-EN ISO 1425:2010, UNE-EN 15804:
EN 15804:2012 + A2:2019 and PCR 2019:14
Register number S-P-07301



EN 13956:2012

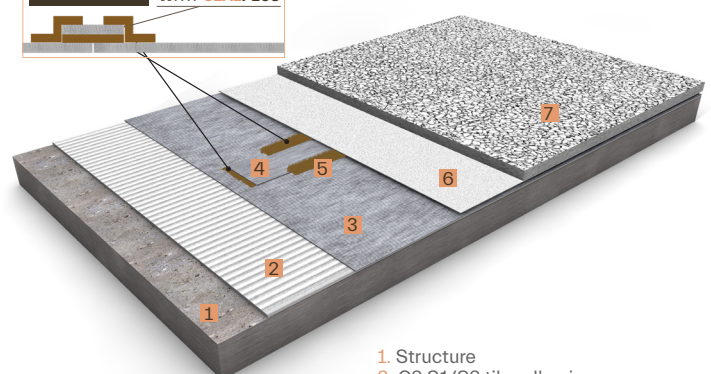
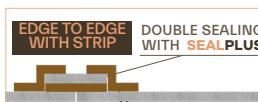
INSTALLATION

WALKABLE AREAS with covering



1. Structure
2. C2 S1/S2 tile adhesive
3. **ECODRY120** or **DRY120** membrane
4. **ECODRY BAND** strip for joints
5. **SEALPLUS** adhesive
6. Covering

NON WALKABLE AREAS with gravel



1. Structure
2. C2 S1/S2 tile adhesive
3. **ECODRY120** or **DRY120** membrane
4. **ECODRY BAND** strip for joints
5. **SEALPLUS** adhesive
6. Geotextile for protection
7. Gravel



INSTALLATION VIDEO

* System valid for





ECODRY120

TECHNICAL DATA SHEET

Characteristics	Test	Unit	Tolerance	Value
Weight	EN 1849-2	g/m ²	MDV: -5% and + 10%	525
Thickness	EN 1849-2	mm	MDV: -5% and + 10%	1,25
Watertightness	EN 1928 Meth. B			PASS
Tensile strength	EN 12311-2 Meth. A	N/50 mm	MLV L ≥ 650 MLV T ≥ 500	L = 650 T = 500
Elongation	EN 12311-2 Meth. A	%	MLV L ≥ 39 MLV T ≥ 70	L = 39 T = 70
Resistance of overlaps (shear)	EN 12317-2	N/50 mm	MLV ≥ 420	420
Resistance to impact	EN 12691 Meth.A	mm	MLV ≤ 200	200
Resistance to static load	EN 12730 Meth.C	Kg	MLV ≥ 20	20
Folding 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, 10, 20 and 30
Width	EN 1848-2	m	MDV: -0,5% and +1%	1,5
Visible defects	EN 1850-2	mm		PASS
Straightness	EN 1848-2	mm	MLV g ≤ 50	50
Flatness	EN 1848-2	mm	MLV p ≤ 10	10
Dimensional stability	EN 1107-2	%	MLV L ≤ -0,4 MLV T ≤ -0,3	L = -0,4 T = -0,3

MLV: Values established by manufacturer (during test).

MDV: Declared values by manufacturer (accompanied by tolerance).



BECAUSE IT IS VERY EASY TO INSTALL.

- ADHERED DIRECTLY TO THE STRUCTURE WITH TILE ADHESIVE.
- NO NEED TO REMOVE THE EXISTING OLD COVERING.
- DOES NOT REQUIRE COMPRESSION OR SEPARATION LAYER.
- DOES NOT REQUIRE ANY SPECIAL TOOLS.
- DURING INSTALLATION, WEATHER CONDITIONS DO NOT DETERIORATE THE PRODUCT.
- EASY EVEN FOR THE MOST CRITICAL POINTS.

BECAUSE IT DOES NOT INCREASE THE HEIGHT IN THE WORK.

- SINCE IT HAS THE MINIMUM THICKNESS: 1,25 MM.
- DOES NOT NEED A COMPRESSION LAYER.

BECAUSE IT IS A HIGH-PERFORMANCE MEMBRANE.

- VERY HIGH ADHESION CAPACITY TO THE SUBSTRATE.
- IT IS A VAPOR BARRIER GUARANTEEING ABSOLUTE WATERTIGHTNESS AGAINST WATER AND WATER VAPOUR.
- DESIGNED TO DRAIN RESIDUAL MOISTURE Laterally THROUGH THE GEOTEXTILE OF ITS REAR FACE; THUS, AVOIDING THE CREATION OF BUBBLES AND FACILITATING THE QUICK DRYING OF ADHESIVE AND STRUCTURE.
- IT KEEPS THE SUBSTRATE DRY, WHICH PREVENTS ITS DEGRADATION.
- INDICATED FOR ANY PROTECTED SURFACE AND A SPECIAL USE: FINISHED IN MICROCEMENT.

BECAUSE IT IS ADAPTABLE.

- EASY TO MANIPULATE AND ADAPTS TO IRREGULAR SHAPES.
- ALLOWS A PERFECT FINISH IN ANGLES, CORNERS AND VERTICAL MEETING POINTS.

BECAUSE IT ALLOWS FINISHINGS IN MICROCEMENT

- IN ADDITION TO BEING A MEMBRANE INDICATED FOR ANY PROTECTED SURFACE, IT IS PERFECT FOR A VERY SPECIAL USE OF GREAT CURRENT TREND: MICROCEMENT FLOORS.
IN ORDER TO DO THIS BEFORE APPLYING THE MICROCEMENT SYSTEM IT IS NECESSARY TO EXTEND A 3 MM LAYER OF C2 S1 TILE ADHESIVE ON THE MEMBRANE.

BECAUSE IT IS SAFER THAN OTHER SYSTEMS.

- AVOIDS THE APPEARANCE OF CRACKS.
- PREVENTS THE APPEARANCE OF HUMIDITIES.
- PREVENTS MOLD, BACTERIA AND HERBS.
- GUARANTEES A LASTING PROTECTION OF THE INSTALLATIONS.

FOR ITS PROFITABILITY: SAVES TIME AND MONEY.

- THE EXTREME SPEED OF INSTALLATION SHORTENS THE TIMES AND THE LABOR FORCE.
- IN REFURBISHMENT, WE SAVE THE COST OF REMOVING THE PREVIOUS COVERING AND OF THE INSTALLATION OF A COMPRESSION LAYER.
- ONCE INSTALLED IT DOES NOT REQUIRE MAINTENANCE THROUGHOUT ITS LIFESPAN.
- WE SAVE EXTRA COSTS DERIVED FROM FUTURE INFILTRATION PROBLEMS.

BECAUSE IT IS SUSTAINABLE.

- IT IS ECOLOGICALLY RESPECTFUL SINCE IT IS THE RESULT OF TRANSFORMATION AND TREATMENT OF RAW MATERIALS OF CIRCULAR ECONOMY.
- IT HAS A LONG LIFESPAN.
- IT IS 100% RECYCLABLE.



INSTALLATION STEPS

ECODRY120



1. Check the stability of the structure and clean the surface. Then apply C2 S1/S2 tile adhesive with a 6/8 mm notched trowel. Apply the adhesive on small patches to prevent drying and always in the same direction. Do not install the membrane on semi-set adhesive.
NOTE: In refurbishment, apply C2 S1/S2 tile adhesive directly on the old covering.



2. Press the membrane hard on the structure with the help of a plastic trowel making sure to eliminate all possible air bubbles. ATTENTION: Once installed, it should be checked that the membrane is totally adhered to the structure.



3. With a spatula, remove the excess of adhesive.



4. Place the membranes edge to edge and extend the special **SEALPLUS** adhesive. Due to the thickness of the adhesive, use a not-notched trowel or spatula, to favour the coating of the entire surface of the joint.



5. Seal the joints with **ECODRY BANDA 13 X 30**.



6. Make a double seal on the edges of the strip with adhesive **SEALPLUS**. OPTIONAL: Once the installation is finished, with waiting time of 48 hours, a precise watertightness test can be performed.



7. Install the flooring tiles directly with C2 S1/S2 adhesive and fix the skirting.



8. Quick, easy and high-quality work.

***SEALPLUS**: For its application, the use of gloves is recommended.

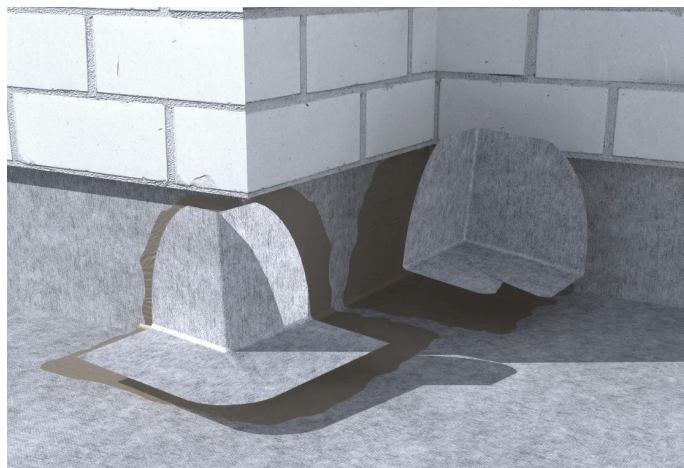
* SINGULAR POINTS

FINISH CORNERS

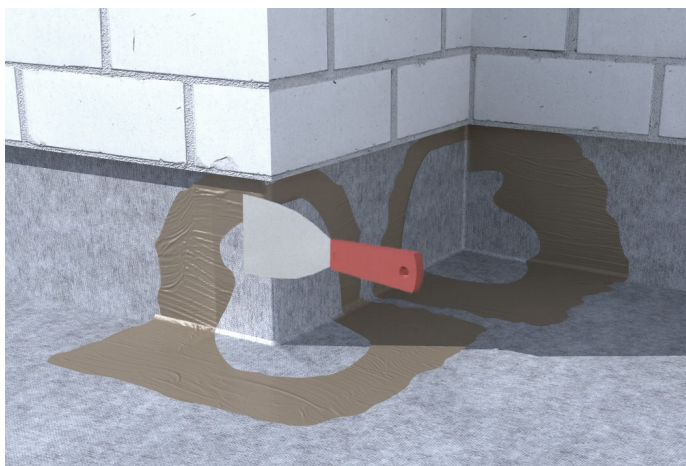
The corners should be made as reinforcement to the waterproofing, and installed on the finish membrane of the vertical structure, using the **ECODRY CORNERIN/CORNEROUT** preformed angles fixed with **SEALPLUS** adhesive for joints.



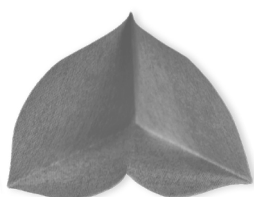
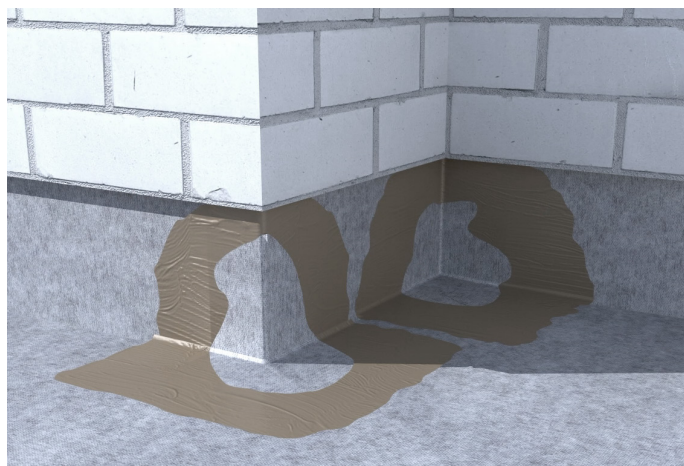
1. Once installed the **ECODRY50/80/120** membrane apply adhesive **SEALPLUS** on the corner area.



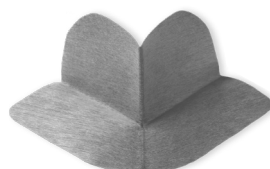
2. Place the **ECODRY CORNERIN/CORNEROUT** piece on top of the **SEALPLUS** adhesive that we applied previously.



3. Reapply **SEALPLUS** adhesive on the **ECODRY CORNERIN/CORNEROUT** joints making a double sealing.



ECODRY CORNERIN

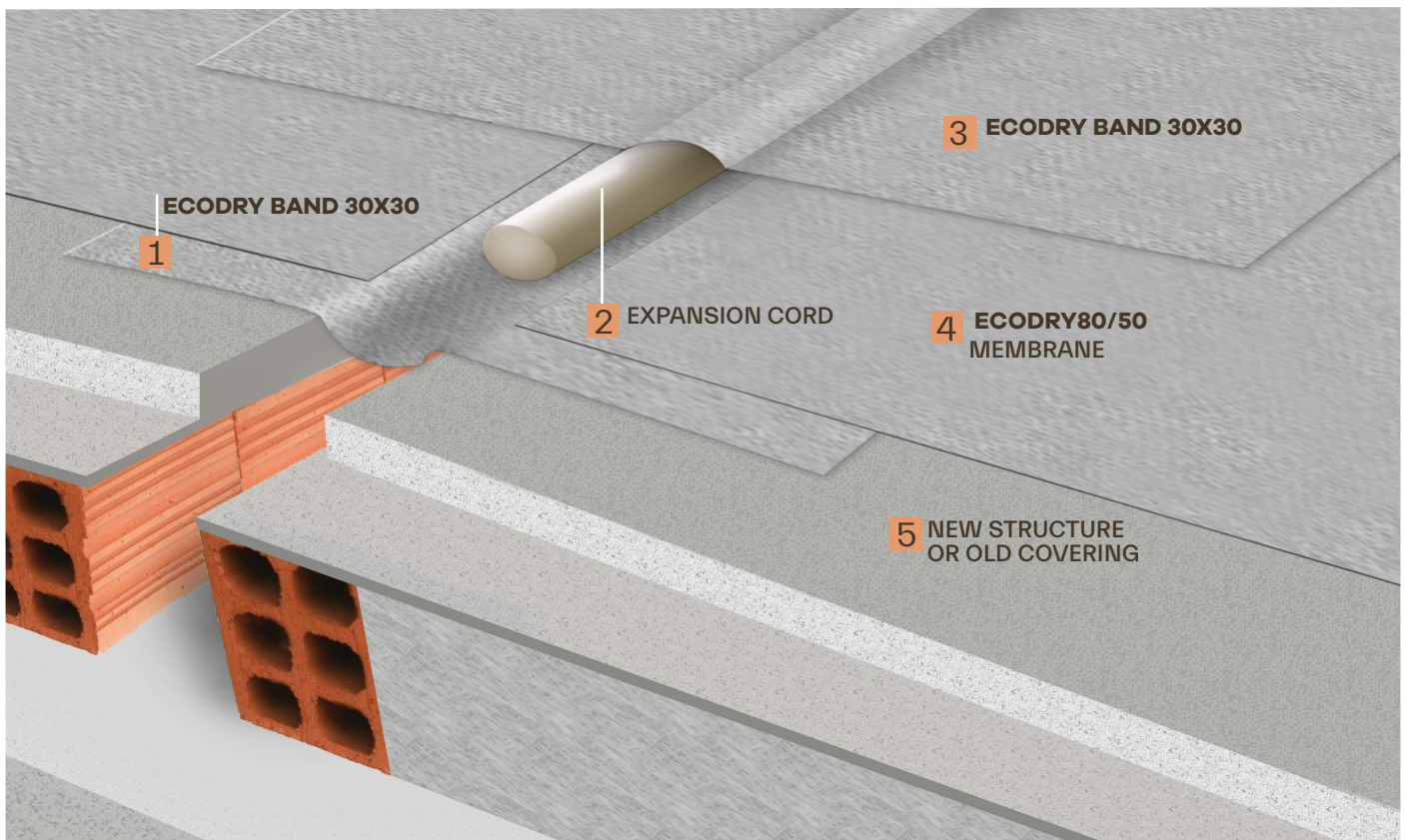


ECODRY CORNEROUT

STRUCTURAL EXPANSION JOINTS

During the installation of the **ECODRY80/50** the expansion joints of the resistant structure or structural joints and the expansion joints of the covering must be treated. For its realization we must take into account the following:

1. Place a reinforcement with **ECODRY BAND 30X30**, leaving a space of at least 2 cm centred on the joint. Adhere the strip to the structure with C2 S1/S2 tile adhesive.
2. Waterproof with **ECODRY120/80/50** membrane just to the edge of the joint.
3. As finish, cover with **ECODRY BAND 30X30**, leaving a space of at least 3 cm centred on the joint with the help of an expansion cord.
4. **VERY IMPORTANT.** All the joints between the strips and the membrane must be made with **SEALPLUS** adhesive.



- 1 & 3. **ECODRY BAND 30X30** strip.
2. Expansion cord.
4. **ECODRY80/50** membrane.
5. New structure or old covering.

* For installing the expansion joints with **ECODRY120** membrane, please refer to the technical manual downloadable at www.revestech.com



ECODRY120



ECODRY80



ECODRY50

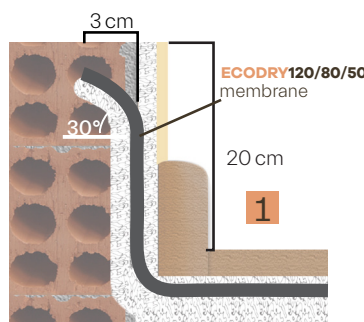


ECODRY BAND 30X30

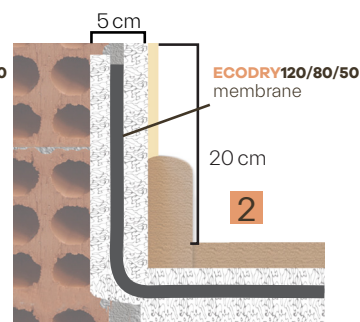
MEETING POINTS WITH VERTICAL STRUCTURES

A. ECODRY120/80/50 membrane.

Due to the flexibility of the **ECODRY120/80/50** membrane, in most cases it is not necessary to use strips on the meeting points with vertical structures, unlike other systems, the ease to assemble and adhere the **ECODRY120/80/50** membrane on the structures, allows us a perfect finish, faster and safer.



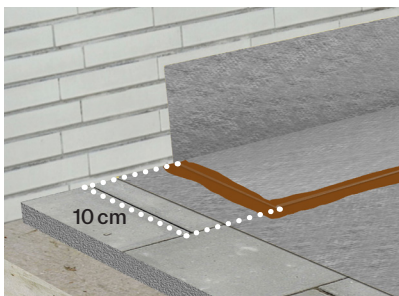
OPTION 1: Scratching: Insert the membrane making a scratch on the wall.



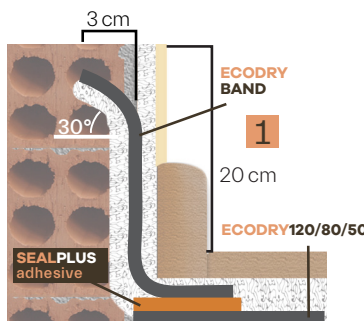
OPTION 2: Recess: Insert the membrane inside the wall making a recess.

B. ECODRY120/80/50 membrane and ECODRY BAND.

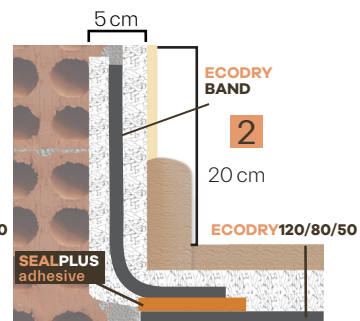
Sometimes, due to the shape of the surface, it is necessary to use perimeter strips to facilitate the installation of the **ECODRY120/80/50** membrane at the meeting points with the vertical structures. In this case, for the joint between the **ECODRY BAND** and the membrane, **SEALPLUS** joint adhesive will be used.



Place the perimeter strip **ECODRY BAND** respecting the height of skirting and leaving no less than 10 cm of overlap on the membrane.



OPTION 1: Scratching: Insert the strip making a scratch on the wall.



OPTION 2: Recess: Insert the strip inside the wall making a recess.



ECODRY120



ECODRY80



ECODRY50



ECODRY BANDA 30X30

HORIZONTAL EVACUATION

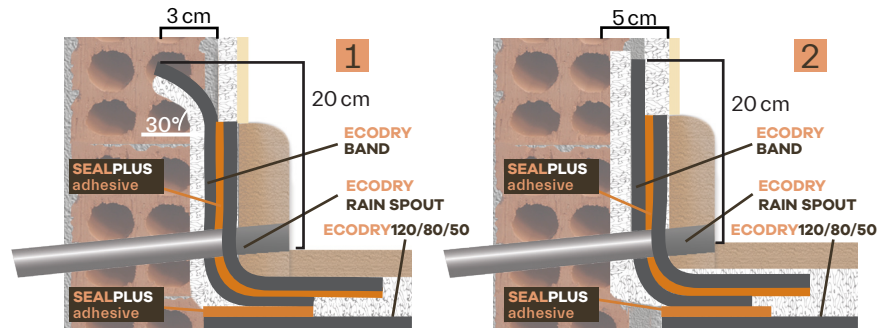
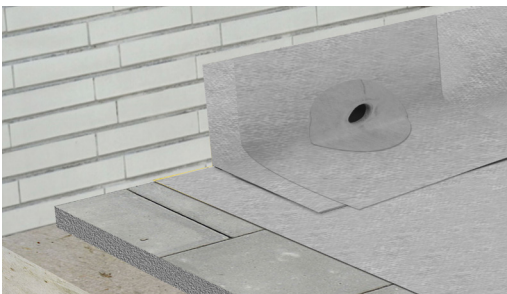
The great versatility of the **ECODRY** systems, allows us to install **ECODRY RAIN SPOUT** at the lowest evacuation point of the slope, in a quick and simple manner, guaranteeing total watertightness. Given the flexibility of Revestech membranes, the **ECODRY RAIN SPOUT** is installed directly on the **ECODRY120/80/50** membrane previously adhered to the perimeter, sealing the joint between both with **SEALPLUS*** special adhesive.

A. Installation of **ECODRY RAIN SPOUT** on **ECODRY120/80/50** membrane.



Insert the pipe into the horizontal outlet of the wall, making a hole in the **ECODRY120/80/50** membrane.

B. Installation of **ECODRY RAIN SPOUT** on **ECODRY BAND** perimeter strip.



Insert the pipe into the horizontal outlet of the wall, making a hole in the **ECODRY BAND** strip.

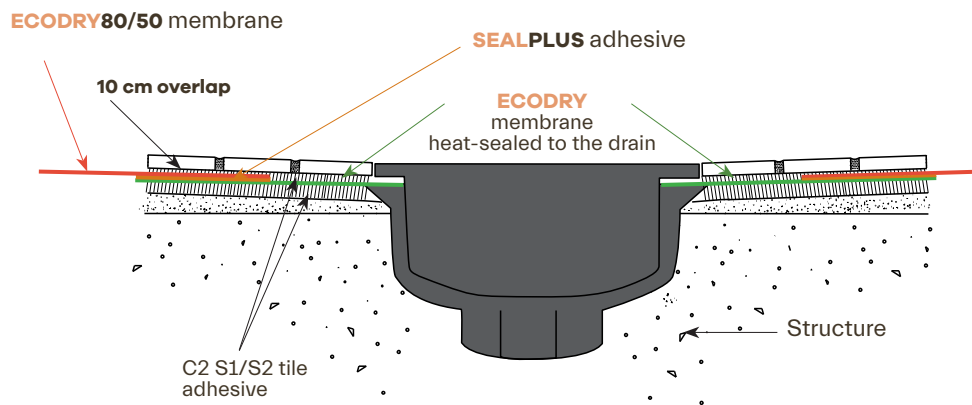


ECODRY RAIN SPOUT

DRAINS FOR OUTSIDE AREAS

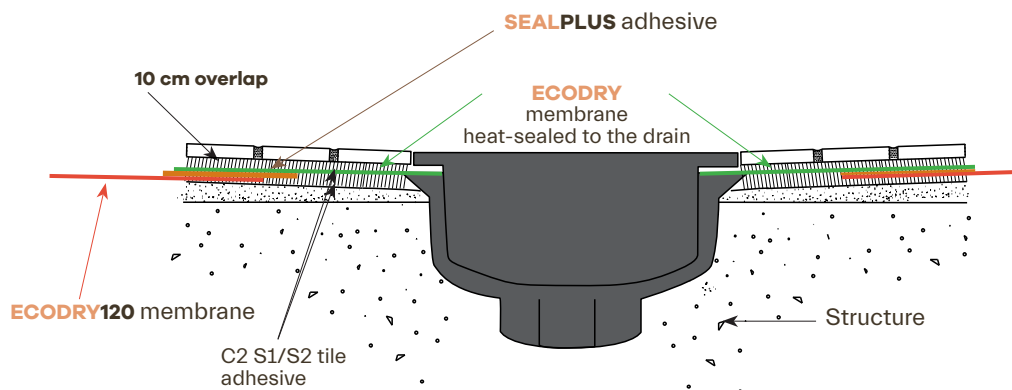
Installation **ECODRY SUMI56** with **ECODRY80/50** waterproofing membrane.

Install the **ECODRY SUMI56** drain with 75X75 cm heat-sealed membrane, and over waterproof with **ECODRY80/50** membrane. The joint between membranes is made with **SEALPLUS*** adhesive with a minimum overlap of 10 cm.



Installation **ECODRY SUMI56** with **ECODRY120** waterproofing membrane.

Waterproof the surface with **ECODRY120** membrane, and make a cut to install the **ECODRY SUMI56** drain with 75x75cm heat-sealed membrane. The joint between membranes is made with **SEALPLUS*** adhesive with a minimum overlap of 10 cm.



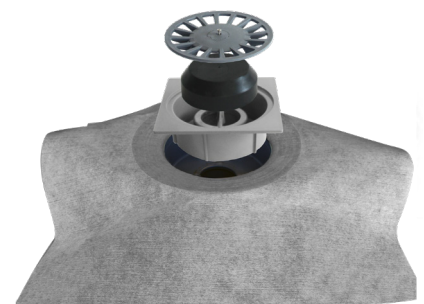
ECODRY120



ECODRY80



ECODRY50



ECODRY SUMI56

TYPE OF ADHESIVE TO APPLY DEPENDING ON THE SUBSTRATE

IMPORTANT: Given the variety of tiles adhesives classified as C2 S1/S2, it is essential to check on the manufacturer's technical data sheet, that it is compatible with both the structure and the finishing material, and also, that it adapts to the particular conditions of the work. Revestech declines all responsibility if the adhesives used are not suitable.



	ECODRY50 MEMBRANE	ECODRY80 MEMBRANE	ECODRY120 MEMBRANE
CERAMIC TILES			
WATERPROOFING MORTARS			
UNDERFLOOR HEATING			
CEMENT-BASED FLOORS			
CONCRETE			
LAMINATED PLASTER			
PIECES OF FIBRECEMENT			
PLASTER AND ANHYDRITE			
CELLULAR CONCRETE			
BRICK			
CEMENT AND LIMESTONE RENDER			
INSULATING PANELS AND ANTI-IMPACT MEMBRANES			
WOOD			
METAL/ALUMINUM			
PVC			
OVERLAPS BETWEEN MEMBRANES			NO
OVERLAPS WITH BAND			