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European Technical Assessment

ETA 24/1123 de 06/05/2026

General Part

Technical Assessment Body issuing the ETA:	**TECNALIA RESEARCH & INNOVATION**
Trade name of the construction product	Revestech ECODRY50 Sistema de Impermeabilización de Interiores
Product family to which the construction product belongs	Watertight covering kits based on flexible sheets for wet room floors and or walls
Manufacturer	REVESTECH SOLUTIONS S.L. Calle La Rioja, 4, E-03006 Alicante (SPAIN) https://revestech.es
Manufacturing plant	REVESTECH SOLUTIONS S.L. Calle La Rioja, 4, E-03006 Alicante (SPAIN)
This European Technical Assessment contains	21 pages, including one Annex which form an integral part of this assessment
This European Technical Assessment is issued in accordance with Article 95(4) of Regulation (EU) 2024/3110, on the basis of	EAD 030436-00-0503 Watertight covering kits based on flexible sheets for wet room floors and or walls
This version replaces	ETA 24/1123, version 1, issued on 29/01/2025

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Specific parts

1. Technical description of the product

"Revestech ECODRY50 Sistema de Impermeabilización de Interiores" is a watertight covering kit for wet room floors and/or walls, beneath a wearing surface, based on a flexible sheet. The kit consists of the following components:

- Flexible sheet with reference: ECODRY50.
- Corners: ECODRY50 CORNERIN and ECODRY50 CORNEROUT.
- Joining bands. ECODRY BAND 13x30, ECODRY BAND 13x5, ECODRY BAND 30x30 and ECODRY BAND 30x5.
- Flexible sheet for pipes made with ECODRY50: ECODRY TUB
- Adhesives:
  - ✓ Primer + Adhesive ring for sticking PVC, ABS and polyurea gullies to the sheet (LEVEL shower tray).
  - ✓ CEMENT ADHESIVE REVESTECH: cementitious adhesive for bonding the sheet to concrete and ceramic tiles to the sheet, as well as for joints between sheets using ECODRY50, ECODRY50 CORNERIN/CORNEROUT, ECODRY BAND and ECODRY TUB. Improved deformable cementitious adhesive type:C2S1 according to EN 12004.
  - ✓ Polybutene based sealant for gluing PP drain.
  - ✓ SEALPLUS adhesive for joints between sheets: ECODRY50, ECODRY50 CORNERIN/CORNEROUT, ECODRY BAND and ECODRY TUB

Other components that do not form part of the kit are:

- PP, PVC, ABS and polyurea (Level Shower Tray) gullies.
- Ceramic tiles: suitable for showers, according to the intended use and manufacturer's requirements.

Technical data sheets of the different components of the kit can be found on Annex 1.

2. Specification of the intended use(s) in accordance with the applicable European Assessment Document (hereinafter EAD)

2.1 Intended use

The product is used as watertight covering kit for indoor applications, for use beneath a wearing surface, where the kit is not exposed to temperatures (i.e. temperature of structure) below 5 ºC and above 40 ºC, in the following uses:

- Floor and/or wall surfaces with only occasional direct exposure to water, e.g. at a good distance from shower or bathtub.
- Floors and/or walls in shower areas or around bathtubs used for a few showers daily, e.g. in ordinary dwellings, multi-family houses and hotels
- Floor and/or wall surfaces with exposure to water more frequent or of longer duration than normally anticipated in dwellings, e.g. public wet rooms, schools and sport facilities.

The kit has been assessed for:

- Moisture sensitive substrates. Substrates (usually “flexible”) not susceptible to cracking but with jointing.
- Non moisture sensitive substrates. Substrates (usually “rigid”), homogenous but susceptible to cracking.

2.2 Working life

The provisions made in this ETA are based on an assumed working life of 25 years as minimum, provided that the kit is subject to appropriate use and maintenance.

The indications given as to the working life of a watertight covering kit cannot be interpreted as a guarantee given by the producer or the Assessment Body. They should be regarded only as a means for choosing the appropriate criteria for watertight covering kits in relation to the expected economically reasonable working life of the works.

3. Performance of the product and references to the methods used for its assessment

The following table shows how the performance of the kit have been assessed in relation to the essential characteristics according to the EAD 030436-001-0503 *Watertight covering kits based on flexible sheets for wet room floors and or walls*.

ESSENTIAL CHARACTERISTICS	PERFORMANCE		
Basic Works Requirement 2: Safety in case of fire			
Reaction to fire	Not assessed		
Basic Works Requirement 3: Hygiene, health and the environment			
Content, emission and/or release of dangerous substances	Not assessed		
Vapour permeability	Not assessed		
Water tightness	Watertight		
Crack bridging ability	Category 3 (Crack with 1,5 mm)		
Bond strength	Concrete		Category 3
	Gypsum Board		Category 1
Scratching resistance	Not relevant		
Joint bridging ability	The kit can bridge joints		
Water tightness around penetrations	Watertight		
Resistance to temperature	Longitudinal	F_{max} (N/50 mm)	492 ± 15
		ε_{Fmax} (%)	36,2 ± 0,9
	Transversal	F_{max} (N/50 mm)	151 ± 5
		ε_{Fmax} (%)	217,9 ± 7
Resistance to water	Category 3		
Resistance to alkalinity	Category 1		
Resistance to mechanical wear	Not relevant		

ESSENTIAL CHARACTERISTICS	PERFORMANCE
Joint strength	Not assessed
Flexibility	Not assessed
Basic Works Requirement 4: Safety in use	
Slipperiness	Not relevant
Cleanability	Not relevant
Thickness (mm)	0,51±0,01

4. Assessment and verification of constancy of performance (hereinafter AVCP) system applied, with reference to its legal base

According to the European Commission Decision 2003/655/, the applicable AVCP system is 2 + except for uses subject to regulations of reaction to fire. For uses subject to regulation on reaction to fire the applicable AVCP systems is 4.

5. Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

Technical details necessary for the implementation of the Assessment and Verification of Constancy of Performance (AVCP) system are laid down in the control plan deposited at Tecnalia Research & Innovation.

The Control Plan is a confidential part of the ETA and is only handed over to the notified body involved in the assessment and verification of constancy of performance.

Issued in Azpeitia, on 06/05/2026

Miguel Mateos
Innovation and Conformity Assessment Point
Tecnalia Research & Innovation

Annex 1 Technical datasheets of the components

ECODRY50
TECHNICAL DATA SHEET

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1170/036-DoP 2022/09/09
EN 13956:2012

Description

Eco-responsible membrane for waterproofing under protection layer of small flat walkable roofs (balconies and terraces) and bathrooms, walls and floors in interior wet areas. It is composed of a polymeric membrane of high-performance thermoplastic polyolefins CPE (EVA-based Circular Polymer), resulting from the transformation and treatment of circular economy raw materials, and extruded on polyester fibers.

Reference	Description	Presentation
596351752	ECODRY50 45Q	Roll of 1,5 m x 30 m (45 m²)
596351851	ECODRY50 30	Roll of 1,2 m x 30 m (36 m²)
596351769	ECODRY50 7S	Roll of 1,5 m x 5 m (7,5 m²)
596351868	ECODRY50 5	Roll of 1,2 m x 5 m (6 m²)

Features	Test Method	Unit	Tolerance	Value
Weight	EN 1849-2	g/m²	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.

Storage

Store in original unopened packing, protect from moisture, in place properly ventilated at a maximum temperature of 30°C. Protect from direct sunlight.

ISO 14001 ISO 9001

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ECODRY50 CORNERIN
ECODRY50 CORNEROUT
TECHNICAL DATA SHEET

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ECODRY50 CORNERIN

ECODRY50 CORNEROUT

Description

Waterproof reinforcement corners **ECODRY50** with thermoformed corner to cover indoor and outdoor 90° and 270° angles.

Rreference	Description	Presentation
596351912	ECODRY50 CORNERIN	2 pcs. per bag
596351929	ECODRY50 CORNEROUT	2 pcs. per bag

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

Features	Test Method	Unit	Tolerance	Value
Weight	EN 1849–2	g/m²	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 %	see dimensions in picture
Width	EN 1848–2	cm	MDV: -0,5 % and + 1 %	see dimensions in picture
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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ECODRY50 CORNERIN revestech®
ECODRY50 CORNEROUT
TECHNICAL DATA SHEET

Further features	Test Method	Unit	Tolerance	Value
Dimensional stability	EN 1107-02	%	MLV: L ≤ -0.2 MLV: T ≤ 0	L= -0,2 T= 0
Water resistance of overlap cementitious adhesive C2	Water column	1 m/24 h		WATERTIGHT
Adhesion of adhesive cementitous C2 on the membrane sheet: TENSILE	Methodology CSTB	N/mm²	± 10%	0,9
Adhesion of adhesive cementitous C2 on the membrane sheet: SHEAR STRESS	Methodology CSTB	N/mm²	± 5%	1,28
Impact strenght with ceramic coating	Methodology CSTB	Number of shocks		4
Effects of chemicals	EN 1847	Values do not change after 28 days in saturated calcium hydroxide solution at 23 °C		

Storage

Store in original unopened packing, protect from moisture, in place properly ventilated at a maximum temperature of 30°C.
Protect from direct sunlight.

ECODRY50 BAND

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TECHNICAL DATA SHEET

Product

Waterproof strip for joints.

Description

ECODRY50 waterproof membrane is presented in a strip roll for covering and sealing the joints and encounters between ECODRY50, ECODRY80, ACU200 and ECODRY120 membranes. It must be used along with SEAL PLUS adhesive.

596351776	ECODRY50 BAND 13X30	Roll of 30 m x 12,7 cm (1ud.)
596351783	ECODRY50 BAND 30X30	Roll of 30 m x 30 cm (1ud.)
596352094	ECODRY50 BAND 50X30	Roll of 30 m x 48 cm (1ud.)

CE MARKED MEMBRANE

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

Features	Test Method	Unit	Tolerance	Value
Weight	EN 1849-2	g/m²	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 %	30
Width	EN 1848-2	cm	MDV: -0,5 % and + 1 %	12,7, 30 and 48
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.

Storage

Store in original unopened packing, protect from moisture, in place properly ventilated at a maximum temperature of 30°C. Protect from direct sunlight.

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SEALPLUS
TECHNICAL DATA SHEET

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Description

Elastic adhesive suitable for sealing and bonding joints in revestech systems. Based on high quality silane-modified polymers, single component, high modulus. Remains elastic after set. Excellent adhesion and chemical resistance. Product free of isocyanates and silicones, with very low emissions of organic compounds volatile, respects the environment and the health of users.

Reference	Description	Presentation
544010670	SEALPLUS 6	6 kg pot YIELD: Practical yield of 6 kg pot≈ 40-45 m2 of surface. Theoretical yield: 1 kg = 7-7.5 metres of joint.
544012858	SEALPLUS 0600	Blister de 600 ml YIELD: Practical yield of blister: 600 ml ≈ 5-6 m2 of surface. Theoretical yield: 600 ml ≈ 5,5-6 metres of joint.


SEAL PLUS 6


SEALPLUS 0600

Features
Appearance: light brown coloured paste
Package: 6 kg can / 600 ml blister
Conservation = 12 months in original unopened packing
Warnings: avoid direct exposure to sunligth and sources of heat.
Temperature limit: apply from +10°C to +35°C and with residual moisture content < 80%
Open time = 60 minutes at 23°C and with residual moisture content 50%
Foot traffic= from 12 h to 24 h.
Interval before normal use = 3 days

	Test method	Unit	Value
Density	UNE-EN 542	g/cm³	1,60-1,64
Tensile strength	DIN 53504	N/mm²	<2
Elongation at break	DIN 53504	%	200-400
Hardness Shore A	DIN 53505	SHORE A	45-55
hermal resistance		°C	From -20 to + 80

Values taken at +23°C temperature, 50% R.H. and no ventilation. They may vary depending on the specific site conditions: temperature and absorption of the support.

Instructions for use

Apply from +10°C to +35°C and with residual moisture content < 80%. Apply evenly over the Revestech membrane, using a suitable spreader (without tooth), pressing down hard enough to ensure full contact the membrane with the adhesive. Gloves should be worn during application. Once applied, the product must not be exposed to UV radiation for more than one week.

Storage

Store in original unopened packing, protect from moisture, in a properly ventilated place at a maximum temperature of 30°C.

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ADHESIVE RING

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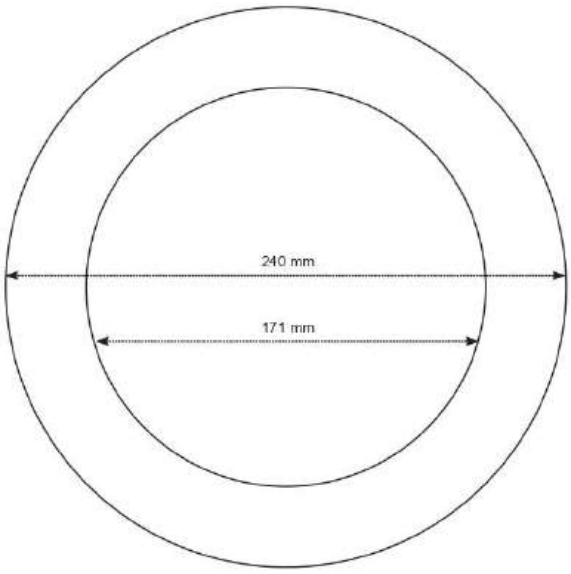
Product

Thermoweldable sheet formed by polyurethane adhesive with both sides covered by polyester fibre.

Features	Unit	Value
measurements	mm	See below
Softening temperature	°C	62–66
Process temperature	°C	130–160

Storage

Store in original unopened packing, protect from moisture, in place properly ventilated at a maximum temperature of 30oC. Protect from direct sunlight.



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POLYBUTENE ADHESIVE
TECHNICAL DATA SHEET

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Description
Polybutene tape for joint sealing.

FEATURES	Test method	Unit	Value
Thickness	ASTM D-3652	mm	0,8
Weight	EN 1849-2	g/m²	50
Watertight	EN 1928 + EN 1847		PASS
Tensile strength	EN 12311-2	N/mm²	L ≥ 4 T ≥ 4
Elongation at break	EN 12311-2	%	L ≥ 50 T ≥ 50
Adhesion to steel	ASTM D-3330	N/cm	≥ 11
Impact resistance	EN 12691	mm	150
Static load resistance	EN 12730 Method B	kg	< 5
Tear strength	EN 12310-2	N	L ≥ 40 T ≥ 60
Strength of union	EN 12317-2	N/cm	≥ 240
Adhesion strength	ASTM D-6195	N	≥ 33
Moisture resistance factor	EN 1931	µm	170000
Application temperature range	INTERNAL	°C	[+ 5 °C, + 35 °C]
Operating temperature range	INTERNAL	°C	[- 20 °C, + 80 °C]

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TECHNICAL SHEET
CEMENT ADHESIVE
REVESTECH

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Product
CEMENT ADHESIVE REVESTECH is a type C2 TE S1 high-performance cement-based adhesive, as per EN 12004, for laying all kinds of ceramic tiles on the most used substrates in the building industry.

Description
CEMENT ADHESIVE REVESTECH is an advanced, high-performance adhesive, with an excellent adherence and flexibility,
suitable for the most difficult installations, such as high traffic floors, radiant heating floors, or facades. Its performance and ease of application make it the ideal solution for the most demanding professionals. Specially recommended for laying rectified tiles.

Recommended use
Indoor large format ceramic tile coverings.
Indoor and outdoor porcelain tile coverings.
High traffic floor tiles.
Floor tiles on radiant heating.
Pools and damp environments.

Compatibility

Materials
Large format ceramics.
Porcelain tiles (water absorption < 0.5% as per EN-ISO 10545-3).
Glass mosaic.
Natural stone and marble not prone to staining.
Mosaics in swimming pools

Substrates
Cement covered floors and walls .
Concrete slabs.
Plasterboards.
Existing tiles in interior walls.
Existing tiles in residential interior floors.

Characteristics
Cement-based, single component adhesive
Excellent adherence. Flexible
Fine texture mortar, with excellent mixing and application features
Alta adherencia inicial sin deslizamiento vertical. Tixotrópico.
High initial adherence and no sagging. Thixotropic
Extended working times. Open time higher than 30 min
Application thickness up to 6 mm.
Frost-resistant
High yield: 8.5 L of water per 25 kg bag.
White: 7-7.5 L of water per 25 kg bag.
Grey: 7-7.5 L of water per 25 kg bag.

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TECHNICAL SHEET

CEMENT ADHESIVE REVESTECH

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Instructions for use

Preparing the substrate.

The substrate or laying base must be dimensionally stable and non-deformable, without risk of cracking and shrinkage due to mortar setting. In the case of substrates of over 40 mm, and in order to reduce structural movement tensions, we recommend decoupling the substrate using a polyethylene sheet, and making a joint around the whole floor perimeter. Alternatively, we recommend making a fully bonded base with mortar screed.

The cement-based substrates must present the following characteristics:
- Residual humidity under 3%.
- Clean of dust, grease, or any other substance that may compromise the bonding material adherence.
- Compact and free of cracks, fully set.
- Rough texture, efflorescence-free.
- Level and flat, deviations under 3 mm. every 2 m of surface.

In the case that any of the defects listed above are present, they must be fully corrected before starting to lay the ceramic.

Preparing the adhesive

CEMENT ADHESIVE REVESTECH is a cement-based adhesive that is to be mixed with water or a liquid additive right before use, and mixed to form a mortar. The following are the instructions for preparing this adhesive:

- Use clean containers and tools.
- Mix with clean water with a ratio of:

• CEMENT ADHESIVE REVESTECH wight 34% : 8.25 - 8.75 liters/ 25 kg bag.
• CEMENT ADHESIVE REVESTECH grey 32% : 7.75 - 8.25 liters / 25 kg bag.

- First pour the water into the container, and then add the adhesive slowly.
- Mix with an electric mixer at low rpm (500 rpm) until the mass is creamy, uniform, and without lumps.
- Let stand 5–10 minutes.
- Stir with a hand trowel, and apply.

Applying the adhesive

For laying ceramic tiles or similar, the only recommended technique for CEMENT ADHESIVE REVESTECH is laying the tiles on a thin layer with a notched trowel. The notched trowel type will depend on the amount of adhesive to se in laying the tiles which, in turn, depends on the tile size, the characteristics of the tile back, and evenness of the laying surface. The following are the instructions for applying this adhesive:

- Spread a thin layer of adhesive on the substrate, with the smooth side of the trowel.
- Apply a second coat and comb with the notched part of the trowel.
- Distribute the adhesive grooves uniformly. For wall coverings, we recommend applying the adhesive horizontally, whereas for floors, we recommend applying it parallel to the tile's long side.
- Before laying the tile clean any element off the back, that could interfere with the bonding of the mortar.
- Check the wettability of the adhesive, and lay the ceramic on the fresh adhesive.
- Lay the tile on the adhesive until you get a uniform and full contact. We recommend pressing the tile with a slight back and forth movement, to squash the adhesive groove and cover the back of the tile.
- Check periodically, by removing an already placed tile, the level of adhesive coverage. We recommend a minimum level of 75 %
- In the case of large formats, outdoors laying, radiant floors, heavy traffic, or overlappings, there must be 100% contact; therefore we recommend using the double bonding method where, besides applying the adhesive on the substrate as mentioned above, a thin layer is applied with the smooth end of the trowel on the back of the tile.
- The maximum adhesive thickness should not exceed 6 mm.
- Once the setting time has passed, clean the installation joints in their full length, width, and depth

Commissioning

Let the mortar set for a minimum of 24 hours before sealing the installation joints or allowing transit on a floor laid with CEMENT ADHESIVE REVESTECH. Adverse environmental factors may delay the adhesive setting so if in doubt, let 36 hours pass.

TECHNICAL SHEET
CEMENT ADHESIVE
REVESTECH

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Sealing installation joints

Before starting to seal the installation joints, make sure the adhesive has finished its initial setting and that the moisture on the tile back has been eliminated, especially when it comes to laying mosaics or large format and low absorption tiles with minimal installation joint.
As general rule, it is not recommended to leave installation joints smaller than 1.5 mm indoors and 5 mm outdoors.
There is currently a wide range of spacers and separators that make the work of the ceramic layer easier, but we highly recommend self-leveling separators which, in addition to marking the joint width, avoid the appearance of ledges between tiles, and laying defects.

Performance

6 x 6 Notched trowel	3 kg / m2
8 x 8 Notched trowel	4 kg / m2
10 x 10 Notched trowel	5 kg / m2
20 x 30 cm Tile	3 kg / m2
30 x 30 cm Tile	3 kg / m2
30 x 60 cm Tile	4 kg / m2
44 x 44 cm Tile	4 kg / m2
30 x 90 cm Tile	5 kg / m2
44 x 66 cm Tile	5 kg / m2
60 x 60 cm Tile	6 kg / m2
60 x 120 cm Tile	6 kg / m2

Cleaning and maintenance

Before laying, and in order to avoid later problems, it is recommended to consult the supplier's technical data sheet for the type of wall covering used, and check that it is not sensitive to alkaline products such as cement mortars, or to acid construction cleaners.
- Clean up any remaining adhesive before it hardens. Be extremely cautious with non-slip floors, absorbent stone, or tiles with relief surface.
- Once the laying is carried out, clean the tool with plenty of water before the remains harden.
- Check the supplier's maintenance instructions for the type of wall covering used.

Conservation

12 months in its original container and protected from moisture and the weather. Store in a dry place, covered and protected from direct sunlight.
Product according to the requirements of Directive 2003/53/EC and Regulation No 1907/2006/CE Appendix XVII

Safety and hygiene

Contains hydraulic binders which can produce a slightly irritant alkaline reaction when in contact with sweat or other body fluids. Safety data sheets available to the professional user who requests them.

Additional instructions

The only recommended laying technique is laying the tiles on a thin layer with a notched trowel. Do not use CEMENT ADHESIVE REVESTECH with mortar blobs applied with trowel tip, or as an additive in a traditional mortar laying.
- Carry out the laying through the double bonding method on tiles with format greater than 1000 cm2 and applications where you need 100% contact between the ceramic and the substrate: outdoor settings, radiant floors, with heavy traffic, or overlappings.
- CEMENT ADHESIVE REVESTECHis an adhesive for professional use. Follow scrupulously all instructions for preparing and applying the adhesive.
- Using more water when mixing the adhesive reduces the final mechanical performance of the mortar and increases the risk of shrinkage during setting.
- Using CEMENT ADHESIVE REVESTECH with a thickness greater than 6 mm reduces the final adherence of the adhesive, and increases the risk of shrinkage during setting.
- Working times depend on the wind, humidity, and temperature workplace conditions, so the working times specified on this sheet may vary regarding those of the place where the work is being carried out.
- All mortars dry up in contact with air, losing their adhesive properties. Therefore, before laying the ceramic on the bonding material, we recommend checking periodically the bonding power of the mortar. Never place the ceramic on the bonding material once the non-adhering surface film is formed.
In this case, we recommend combing CEMENT ADHESIVE REVESTECH until the surface adherence is recovered.
- Protect from rain and frost at least during the first 24 h.
- Do not apply when the temperature is below 5 ° C or higher than 35 ° C.
- On outdoor floors, make slopes to ensure correct water drainage.
- When laying meshed glass mosaic, check that the adhesive crosses through the back mesh and comes into contact with the mosaic pieces.

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TECHNICAL SHEET
CEMENT ADHESIVE REVESTECH

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- Protect from rain and frost at least during the first 24 h.
- Do not apply when the temperature is below 5 ° C or higher than 35 ° C.
- On outdoor floors, make slopes to ensure correct water drainage.
- When laying meshed glass mosaic, check that the adhesive crosses through the back mesh and comes into contact with the mosaic pieces.

The adhesive one-flex pro is a cement-based adhesive, so when in contact with sulphates and in the presence of moisture, it may produce ettringite

-On outdoor wall coverings. As a general rule, we recommend using mechanical anchors with formats equal to or larger than 30 x 30 cm. In any case, comply local instructions for laying wall tiles outdoors.

The layout, width, and construction details of the perimeter and intermediate movement joints, as well as the materials to be used, should be included in the ceramic tile laying design.

- Heed the structural joints present in the substrate.
- Make movement perimeter joints in corners, floor level changes, and height differences in material changes.
- As a general rule, make intermediate movement joints that delimit areas as square as possible, 16-25 m2 outdoors, and 50 m2 -70 m2 indoors. They shall have a minimum width of 8 mm.
- The technical information contained in this technical data sheet has been collected from approved laboratory tests and under the conditions indicated by the corresponding standards.
- For more information about this product, check with REVESTECH.

Technical Sheet Conditions

- This is not a finished product technical sheet. It belongs to a laying material which, together with other products and materials, configures a ceramic tile laying system. Instructions in this technical sheet have been written based on our experience and technical expertise, but they have to be only considered as general recommendations which, together with those for the rest of the products in the system, guide the laying professionals in their job.
- As it is not possible to know all the features and conditions of a building job, professionals must consider it and, if deemed appropriate, perform a previous test to confirm whether the product is suitable for the job.
- The technical sheet cannot reflect all the applications and conditions entailed in the use of a material, so, in situations not described in this sheet, we recommend to perform a previous test and refer to our technical department.

TECHNICAL SHEET

CEMENT ADHESIVE REVESTECH

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Technical data	
Appearance	Grey or white powder
Hazard	Irritant (see material safety data sheet)
Flammability	No
Storage time	12 months in a dry place
Proportion of water CEMENT ADHESIVE REVESTECH white Proportion of water CEMENT ADHESIVE REVESTECH grey	34% 32%
Specific weight	1,3 g/cm³
Application temperature	de +5° C a +35° C
Open time	30 min.
Setting time	50 min.
Durability	> 6 h.
Wait for grouting	24 - 36 h.
Trafficability	24 - 36 h.
Final commissioning - Light traffic: - Heavy traffic: - Pools:	 3 days 7 days 15 days
Thixotropy	Yes
Sagging	< 0.5 mm
Adherence as per EN 12004: 28 days Action of heat Immersion Freeze/thaw cycles	 > 1 N/mm2
Deformability as per EN 12004	2.5 mm ≤ D < 5 mm
Heat resistance	-30° C up to + 100° C

Data obtained in standard laboratory conditions of at 23o C and 50% relative humidity

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waterproofing

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ECODRY TUB
TECHNICAL DATA SHEET

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CE
1170/014 DoP 2022/09/01
EN 13707:2012

EPD®

Product

Waterproof reinforcement for pipes made from ECODRY50 membrane, with a thermoformed centred hole.
The hole diameter varies depending on the reference.
This product is compatible with all ECODRY membranes for roof waterproofing.

Referencia	Descripción	Características	Presentación
596351936	ECODRY TUB 50	Membrane Sizes 30 x 30 cm. Hole Ø 49 mm. For pipes of Ø external diameter of 50 mm.	1 pcs. per bag
596351943	ECODRY TUB 63	Membrane Sizes 30 x 30 cm. Hole Ø 62 mm. For pipes of Ø external diameter of 63 mm.	1 pcs. per bag
596351950	ECODRY TUB 75	Membrane Sizes 30 x 30 cm. Hole Ø 74 mm. For pipes of Ø external diameter of 75 mm.	1 pcs. per bag
596352001	ECODRY TUB 90	Membrane Sizes 30 x 30 cm. Hole Ø 89 mm. For pipes of Ø external diameter of 90 mm.	1 pcs. per bag

FEATURES	Test Method	Unit	Tolerance	Value
Length	EN 1848-2	cm	MDV: -0 % and +5 %	30
Width	EN 1848-2	cm	MDV: -0,5 % and + 1 %	30
Weight	EN 1849-2	g/m²	MDV: -5 % and + 10 %	335
Thickness	EN 1849-2	mm	MDV: -5 % and + 10 %	0,52
Straightness	EN 1848-2	mm	MLV g ≤ 50	50
Flatness	EN 1848-2	mm	MLV p ≤ 10	10
Visible defects	EN 1850-2			PASS
Dimensional stability	EN 1107-02	%	MLV L ≤ -0,2 MLV T ≤ -0,7	L = -0,2 T = -0,7
Dimensional stability at high temperature	ASTM D1204-2014	%	<0,7	70° C L=0,028 T=0,024 -26°C L=-0,029 T=0,018
Water tightness	EN 1928 Mét. B		No visible signs of water penetration	PASS
	ASTM D4068-2017		No visible signs of water penetration	PASS
Elongation	EN 12311-2 Mét. A	%	MLV L ≥ 25 MLV T ≥ 200	L = 25 T = 200
Impact resistance	EN 12691	mm	MLV T ≥ 200	200
Static load resistance	EN 12730 Mét. B	Kg	MLV ≥ 20	20
Pliability at low temperature	EN 495-5	°C	MLV ≤ 40	-40
Reaction to fire	EN 13501-1	Euroclasses		E
Overlap resistance	EN 12317-2	N/50 mm	MLV ≥ 600	600
	ASTM D751-2006	lbs./2"	>16	40
Tensile strength	EN 12311-2 Met. A	N/50 mm	MLV L ≥ 450 MLV T ≥ 150	L = 450 T = 150
	ASTM D751-2006	PSI	170	L=3750 T=1150
Crack bridging capability	UNE EN 1062-7 Met. C	mm	Category 1: 0,4 mm Category 2: 0,75 mm Category 3: 1,5 mm	1,5 Category 3
Alkali resistance	UNE EN 1847		Values do not change after 28 days in saturated calcium hydroxide solution at 23 °C	Category 1
Resistance to fungi and micro-organisms	ANSI A118.10-2014		The membrane must not promote mold growth	COMPLIANCE

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ECODRY TUB
TECHNICAL DATA SHEET

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WATER VAPOUR PROPERTIES	Test Method	Unit	Tolerance	Value
Water vapour transmission	ASTM E96-2016	g/24 h.m²		8,07
Water vapour permeability (Metric Perms)		Ng/ Pa·s·m²		67,35
Water vapour permeability (US Perms)		Grains per h·in·Hg·ft²		1,18
Resistance to water vapour diffusion	UNE-EN 1931:2001	m²·h·Pa/mg	> 2,7 m²·h·Pa/mg (CTE)	9,75
Water vapour flow (g)		kg/m²·s		6,01·10⁻⁸
Water vapour transmission coefficient (wp)		kg/ m²·s·Pa		2,85·10⁻¹¹
Water vapour transmission ratio (μ)				12755
Water vapour equivalent air layer thickness (Sd)		m		6,85

OTHER CHARACTERISTICS	Test Method	Unit	Tolerance	Value
Water resistance of overlap with C2 cementitious adhesive	Water column	1m.c.a - 24hs		WATERTIGHT
Initial adhesion of C2 cementitious adhesive on membrane: TENSION	UNE-EN 14891 A.6.2	MPa	Category 1: ≥ 0,2 MPa Category 2: ≥ 0,3 MPa Category 3: ≥ 0,5 MPa	0,5
Adhesion after 20 days water immersion of C2 cementitious adhesive on membrane: TENSION	UNE-EN 14891 A.6.3	MPa	Category 1: ≥ 0,2 MPa Category 2: ≥ 0,3 MPa Category 3: ≥ 0,5 MPa	0,5
Adhesion of C2 cementitious adhesive on membrane after 7 days dry: SHEAR	ASTM C482-2002	PSI	> 50	188
Adhesion of C2 cementitious adhesive on membrane after 7 days water immersion: SHEAR		PSI	> 50	132
Adhesion of C2 cementitious adhesive on membrane after 4 weeks dry: SHEAR		PSI	> 50	205
Adhesion of C2 cementitious adhesive on membrane after 12 weeks dry: SHEAR		PSI	> 50	177
Adhesion of C2 cementitious adhesive on membrane after 100 days water immersion: SHEAR		PSI	> 50	108
Impact resistance (ball impact) with ceramic tiling	CSTB methodology	N° of impacts		4

- MLV: Manufacturer's Limiting Value
- PND: Not Declared Performance
- MDV: Manufacturer's Declared Value

VAPOUR BARRIER COMPLIANCE WITH CTE REQUIREMENT DB HS1

Storage

Store in original unopened packing, protect from moisture, in place properly ventilated at a maximum temperature of 30°C.
Protect from direct sunlight.

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Technical Manager

Last updated: 05/05/26

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