

## ELASTIC ADHESIVE



\* Information on the level of volatile substances emission in indoor air, that present a risk of toxicity by inhalation, on a scale of class from A+ (very low emissions) to C (high emissions).

**CE**  
EN 15651-1:2012, F EXT-INT

## RESYCOLLE ISO

## POLYURETHANE

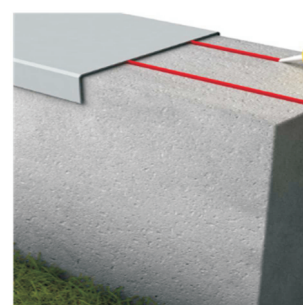
High modulus adhesive – High resistance

### PRODUCT DESCRIPTION

Elastic adhesive, one component, high resistance, based on polyurethane, for various construction materials.

### ADVANTAGES

- One component, ready for use
- Fast curing
- Strong adherence on usual building material
- Elastic
- Compensates substrate irregularities
- Non corrosive
- Reduces vibrations
- Perfect sealing
- Cracks filling
- High aging and weather resistance
- Paintable



### APPLICATION FIELDS

For indoor and outdoor bonding of prefabricated elements, stair steps, windows sills, thresholds, covering boards.

Sealing between construction elements.

Very strong adhesion to concrete, stone, ceramic, tiles, wood, aluminium, metal, bricks and plaster board.

### SUBSTRATE PREPARATION

Substrate must be cohesive, dry, homogenous, free from grease, dust and loose particles. It is up to the user to check the compatibility of the sealant with the substrate in terms of adhesion and staining risks. This product is not advised in case of water immersion, on PP/PE surface, Teflon, PVC or bitumen.

CHARACTERISTICS	VALUES	TESTS
Shore A Hardness	30 - 40	ISO 868
Modulus at 100 %	0.35 - 0.45 MPa	ISO 8339
Elongation at break	> 250 %	ISO 8339
Ultimate elongation at break	600 %	ASTM D412
Tensile strenght	2.2 MPa	ASTM D412
Resistance at break	0.60 Mpa	ISO 8339
Movement capability	25 %	-
Elastic recovery	> 70 %	ISO 7389
Skin formation time	~ 45 '	(23 C, 50 %HR)
Curing rate	≥ 3 mm	24 hrs (23 C, 50 %HR)
Application temperature	+ 5 C / + 40 C	-
Service temperature	- 20 C / + 80 C	-
Resistance to flow at 23 C	≥ 3 mm	ISO 7390
Resistance to flow at 50 C	≥ 3 mm	ISO 7390
Specific gravity	1.3 g/cm <sup>3</sup>	-
Shrinkage	≥ 10 %	ISO 10563

Chemical resistance (as an indication): to water, cleaning agents, accidental spills of oils and hydrocarbons, acids, diluted bases. Because of the sensitivity of polyurethane to UV, clear colours may change over time. This modification is only aesthetic and it does not affect the mechanical properties of the cured products.

## TESTS

**Test report CEBTP** n B252.3.069/1 Tiles Jointing

**ASTM C 920:** DL Laboratories test report ASTM C920" Type S, Grade NS, Class 25, use NT and M

**CE:** EN 15651-1:2012, Type F EXT-INT

## APPLICATION NOTES

Apply with a gun.

For bonding application apply the sealant in spots or strips  
Complying with professional rules in force and our general guidelines for sealing.

## PACKAGING

<u>Cartridge 310 ml</u>	25 per box / 48 boxes per pallet
<u>Sausage 400 ml</u>	25 per box / 36 boxes per pallet
<u>Sausage 600 ml</u>	12 per box / 50 boxes per pallet or 20 per box / 30 boxes per pallet

## STANDARD COLOURS

White, Grey, Tile.

Other colours available on request.

## SAFETY INSTRUCTIONS

- Contains isocyanates
- Avoid contact with skin
- In the event of contact with eyes, clean immediately with water and obtain a medical attention
- Use only in well ventilated areas
- Keep out of reach of children
- Consult the Safety Data Sheet of the product

## STORAGE

- 12 months from production date, in original unopened packaging and protected from humidity.
- Store in well ventilated room at maximum temperature of 30 C.

## CONSUMPTION

Joint depth (in mm)	Joint width (in mm)				
	Applicable joint length with a 600 ml sausage (in meters)				
4	38	26	19	13	7,5
6		17	13	8,5	5
8			9	6	4
10				5	3

Our technical advices on the use of the product are expressed either orally, in writing or by means of tests. They are given to the best of our knowledge. They constitute simple indications which do not engage our responsibility. These values are given as an indication only and they cannot, in any case, be regarded as specifications. Insofar as it is not possible for us to control the use of the product and taking into account the diversity of materials and the possible uses, the users will have to carry out the tests necessary to determine if the product is suited for the specific use for which it is intended. It is up to the users to respect local legislation and to obtain the homologations and authorizations that are eventually required. Please check with our Customer service that you have the current version of the Technical Data Sheets and of the Safety Data Sheets of the products you use.



Made in France