

CERMICRYL UV

ELASTOMERIC RESIN-BASED, READY-TO-USE,
UV RESISTANT, VERY ELASTIC WATERPROOFING MATERIAL



 White

- *Over paintable, 400 % elastic after drying*
- *Resistant to UV rays and outdoor weather conditions*
- *Ready-to-use*
- *High crack bridging ability*
- *Strong adhesion*
- *Suitable for horizontal and vertical application*

PRODUCT INFORMATION

WHERE TO USE

- Waterproofing of terrace, roof and external walls
- On gutters, chimneys and parapet flashings
- Suitable on existing concrete, plaster, screed, plaster. In practical waterproofing applications on surfaces such as galvanized, zinc and aluminum.

GENERAL FEATURES

Nature of Material : Synthetic resin with additives for water impermeability, elasticity and UV resistance

Type : Liquid
Colour : White
Density : $1.8 \pm 0.1 \text{ g/cm}^3$ (mixture)

STANDARDS AND DOCUMENTS

- TS EN 1602-11/UV
- CE
- Public Works Pos. No. 04.509

CONSUMPTION

- Average 1.6-2 kg/m² (1 mm thickness)

PACKAGING

- Plastic cans of 20 kg

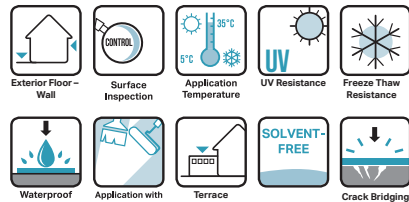
TECHNICAL CHARACTERISTICS (*)

Temperature resistance	: - 30 °C +80 °C
Tensile strength(EN 1542)	: $\geq 0.8 \text{ Mpa}$
- Initial tensile adhesion	: $\geq 0.5 \text{ Mpa}$
- After contact with water	: $\geq 0.5 \text{ Mpa}$
- After heat ageing	: $\geq 0.5 \text{ Mpa}$
- After freeze-thaw cycle	: $\geq 0.5 \text{ Mpa}$
Crack-bridging	: $\geq 2,5 \text{ mm(A5)}$
(21°C / -10°C; %50 relative humidity EN 1062-7)	
UV Resistance Test Value:	: Suitable (2000 hours)
Capillary Water Absorption Value	: $< 0,1 \text{ kg/m}^2\text{h}^{1/2}$
Elongation at Break	: $>400 \%$

(*) These values are results of laboratory tests and they are performance values recorded 28 days after the finished applications.

STORAGE

- Moisture-free, dry and protected against external weather conditions should be stocked in warehouses.
- Shelf life is 1 year under suitable storage conditions.
- Opened packages should be kept tightly closed.



APPLICATION

APPLICATION PROCEDURE

Pot life: Maximum 5 hours

Outdoor air temperature: +5 °C , +35 °C

Application thickness: 1-1.5 mm

Wait time between coats: Minimum 6 hours

Mechanical strength gain time: Minimum 2 days

Number of coats to be applied: 2-3

Time to become waterproof: 7 days

SUBSTRATE PREPARATION

- The application surface must be clean, free of dirt, free from dust and loose particles.
- Remove and repair any defects, cracks and holes on the application surface properly by using the repair mortars of **CERMIMORTAR** or **CERMIREP**.
- In cases where chamfer tape will not be used, wall-floor joints should be chamfered with **CERMIREP** repair mortars before application.
- The application surfaces should be primed with **CERMICRYL UV** diluted with 30-40% water.

APPLICATION

- CERMICRYL UV** is supplied ready to use. Water consumption should not be added to solid products with water or any other substance. However, it should be shaken to ensure that the liquid is homogenous prior to pouring out.
- The prepared mixture should be applied to the surface with a hard brush in minimum 2 coats. The first coat should be applied from right to left or top to bottom and our **CERMITAPE TPE** products should be used at wall-floor joints.
- 2. coat should be applied 6 hours after the application of the first coat in the opposite direction to the first one. The main objective here is to cover the surface with the entire material.
- The times given in the application information and steps may be shortened or extended in different ambient conditions (low/high temperature, humidity, wind, etc.).

RECOMMENDATIONS

- Do not use the product if you encounter problems of precipitation and petrification after unpacking the product.
- Treated surfaces directly for at least 1 day. It should be protected from sunlight, rain and frost.
- It should not be applied against negative water pressure.
- The flow of water towards the drains must be ensured, and it must be ensured that there is no ponding.
- It should not be applied in pools etc. where there is stagnant water.

SAFETY INSTRUCTIONS

- Do not inhale and avoid of its contact with skin and eyes.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material Safety Data Sheet (MSDS).



Note: Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

CERMIX

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