

CERMICRYL

ELASTOMERIC RESIN-BASED, READY-TO-USE, ELASTIC WATERPROOFING MATERIAL



White

- *Practical solution for waterproofing wet areas*
- *Ready-to-use*
- *Possibility of directly gluing ceramics on it with its filled structure*
- *250 % elastic after drying*

PRODUCT INFORMATION

WHERE TO USE

- Waterproofing of wet areas such as bathrooms, wc, balconies etc,
- Suitable on existing concrete, plaster, screed, plaster and plasterboard etc.
- It is a waterproofing material under ceramic that can be directly bonded without the need for sandblasting.

GENERAL FEATURES

- Nature of Material** : Specially filled, elastomeric resin
Type : Liquid-Acrylic structure
Colour : White
Density : $1.8 \pm 0.1 \text{ g/cm}^3$ (mixture)

STANDARDS AND DOCUMENTS

- Public Works Pos. No. 04.509

CONSUMPTION

- Average $1.6\text{-}2 \text{ kg/m}^2$ (1 mm thickness)

PACKAGING

- 10 and 20 kg plastic buckets.

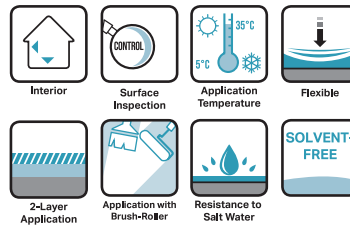
TECHNICAL CHARACTERISTICS (*)

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)	
Capillary Water Absorption Value	: $< 0,1 \text{ kg/m}^2\text{h}^{1/2}$
(EN 1062-3)	
Elongation at Break	: % 250

(*) 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
- Time for gaining mechanical strength:** min. 2 days
- Time to become waterproof:** 7 days

SUBSTRATE PREPARATION

- The application surface must be clean, free of dirt, free from dust and loose particles.
- The surface should not be too dry or completely wet before application.
- Remove and repair any defects, cracks and holes on the application surface properly by using the repair mortars of **CERMIMORTAR** or **CERMIREP R3 T** and **CERMIREP R4 T**.
- In cases where a chamfer band cannot be used, wall-floor joints should be chamfered with **CERMIREP** repair mortars before application.
- CERMICRYL** can be diluted by 40% and used as a primer in order to increase the adhesion to the surface.

APPLICATION

- CERMICRYL** is supplied ready to use. 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** or **CERMITAPE FPO** products should be used at wall-floor joints.
- The second 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.

RECOMMENDATIONS

- After application, all tools used should be washed with water.
- After application, the surface should be protected from contact with water for at least 24 hours.
- Do not apply on frost hazardous or overheated surfaces, under direct sunlight and in strong windy conditions.
- Do not apply directly on difficult surfaces such as metal, PVC etc., consult technical service for solution.
- Do not apply against negative water pressure.
- Do not use products that have collapsed or petrified after opening.
- Flexible high performance **CERMIPLUS** or **CERMIPLUS XL** products should be used for ceramic adhesion.
- 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.