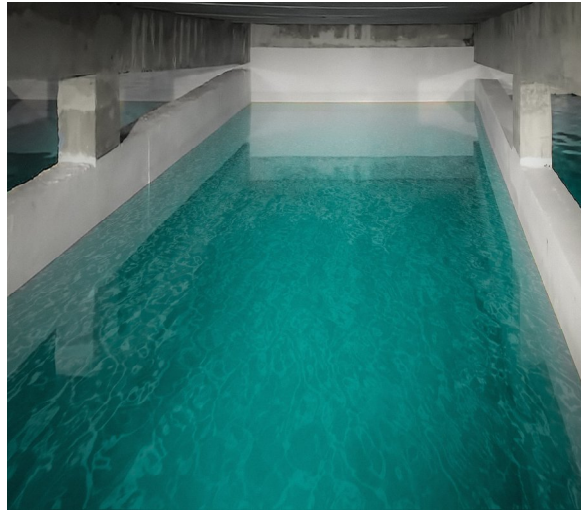


# OSMOSTUCK H<sub>2</sub>O

Cementitious waterproofing grout with osmotic action, certified for the contact with drinking water.



## Technical data

Pre-mixed powder grout based on cement, selected graded aggregates, special synthetic resins and waterproofing additives. Mixed with water, it gives a fluid grout to be applied by brush, featured by an excellent adhesion with the substrate and waterproofing even in light counterthrust.

The product can be used for waterproofing structures in cement suitable for containing drinking water

## Applications

- Solution of seepage in old and new masonry and concrete buildings.
- Waterproofing of: indoor and outdoor walls in basements, swimming-pools, drinking water tanks, elevator shafts, underground passages and foundation walls.

## Important warnings

- Do not use on surfaces based on gypsum, gypsum board, brick gypsum, plastic renders, painted walls, chipboard and wood composition panels, asbestos cement.
- Do not add other components (cement, lime, etc.).
- Do not mix with a quantity of water larger than the specified one.
- Do not use on flexible surfaces or surfaces subject to dynamic stresses.
- Do not apply on substrates with surface stagnant water.
- Do not apply on foot traffic surfaces.
- Do not use to solve indoor condensate problems (use de-humidifying renders or create a suitable insulation).

## Grout preparation

Mix OSMOSTUCK H<sub>2</sub>O with the quantity of water corresponding to the application type and wished consistency (for squeegee application, pour 5.25-5.75 l of water; for brush application, pour 6.0-6.5 l every 25 kg bag). Use a mechanical stirrer with low speed, till getting a smooth and clogless mix. The mix must then rest for 10 minutes, stirring it shortly again before use.

## Substrate preparation

The surface to be waterproofed must be perfectly clean and solid; all crumbling or non-perfectly adhering parts must be removed from the substrate; including traces of oily strippers and previously applied paints. Existing renders must be perfectly bonded on the substrate. Seal possible cracks in the surface with restoration grout ADEGROUT R6. Saturate the substrate with water, before applying OSMOSTUCK H<sub>2</sub>O and wait for the excess water to evaporate.

## Grout application

Apply OSMOSTUCK H<sub>2</sub>O by brush or squeegee depending on the thickness to be obtained. The grout application by brush requires 2-3 coats, waiting for the previous coat to have sufficiently dried (usually 5-6 hours depending on the temperature and on the substrate absorption; it is recommended not to wait longer than 24 hours). The first coat must penetrate the substrate very deeply; ensure corners and coves are correctly coated. For squeegee applications, it is recommended to apply the first coat by brush. OSMOSTUCK H<sub>2</sub>O must be used exclusively for waterproofing stiff structures.

## Norms to be followed after the application

In special weather conditions, such as strong wind, high temperatures and beating sun, spray water on the surface to avoid a too fast evaporation of the mix water.

## Specifications

For waterproofing cementitious surfaces, apply an osmotic grout, e.g. OSMOSTUCK H<sub>2</sub>O by ADESITAL S.p.A. in thickness of 2 mm every coat.

<b>Technical data (at +23°C and 50% R.H.)</b>	
Appearance	powder
Colour	grey
Powder volume mass	1.30 g/cm <sup>3</sup>
Storage	12 months (in the original packaging and in a dry
Safety	Please check the information on the package and on the Safety Sheet
<b>Application data</b>	
Mixing ratio	5.25-5.75 l of water every 25 kg for squeegee application
Mix pH	6.00-6.50 l of water every 25 kg for brush application
Application temperature	12
Workability time	from +5°C to +35°C
Time for the application of the next coat	after 1 hour
Max. coat thickness	after 5-6 hours, not over 24 hours
	2 mm
<b>Final performance</b>	
Adhesion to concrete	> 1.5 N/mm <sup>2</sup>
Resistance to humidity	excellent
Resistance to ageing	excellent
Deformability	no
<b>Coverage</b>	1.6 kg/m <sup>2</sup> every mm of thickness
<b>OSMOSTUCK H<sub>2</sub>O Packages</b>	25 kg bag

**Warning:** The above indications and rules correspond to our best experience, but shall be deemed as merely indicative and shall be confirmed by exhaustive practical tests; thus, before using the product, the operator shall determine if it is suitable for its intended use and shall undertake every responsibility resulting from its use. PROFESSIONAL USE ONLY.