

Product type: Liquid additive for improving flexibility and waterproofing of mortars, adhesives or cement-based jointing putties – according to SR.EN. 1504-2/2005.

Short description of product: HIDROFLEX additive is a white synthetic resin dispersion, having a slightly viscous appearance and being water soluble.

Areas of application: HIDROFLEX is used as a waterproofing agent for mortars, adhesives or cement-based jointing putties.

Technical data:	Physical form	liquid
	Colour	white
	Flammability	no
	Toxicity	no
	Density	approx. 1.01 kg / l
	Ph	6
	Water vapour permeability	class II, $5m < S_D < 50m$, where $S_D = 22 m$
	Capillary absorption	$W = 0.028 kg^2 / h^{0.5}$
	Specific consumption upon priming (depending on the degree of absorption of the base layer)	minimum 0.15 l / m ² - maximum 0.5 l / m ²
	Specific consumption upon including additives	0.3 l / m ²
	Solid residue	min. 22%
	Temperature range for usage	+ 5°C – + 35°C

Instructions for use: None of the operations described below shall be performed under direct sunlight, under powerful air currents (wind) or at air or base layer temperatures lower than 5°C or exceeding 35°C.

PRIMING is carried out by applying the product with a brush or painting roller on the base layer that is to be covered with ceramic plates. This operation is done approx. 15 minutes before applying the adhesive. Film formation shall be avoided. Priming shall be done only if this operation is necessary (critical layer from the absorption perspective).

ADDING ADDITIVES to an adhesive, mortar or jointing putty is done only when this is necessary for improving the flexibility or waterproofing characteristics of these materials. Adding additives also ensures improvement in adhesion and resistance against aggressive chemical agents for the final product.



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CONSTRUIESTE
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Data Sheet

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HIDROFLEX

Code 1.5.05
EC
Conformity attestation system 4

Packaging: The product is packaged in 5 l and 15 l canisters.

Storage: The product is stored for maximum 12 months in a dry place, in its original undamaged package.

Marking: Each canister is marked by being stamped, on the bottom, with the following information: date of production – four groups of figures symbolizing:
the day . the month . the year ending. the production batch number.

Warranty: The product has a 12 month warranty beginning on the date of production marked on the package; this warranty applies only for the storage conditions mentioned above.

- WARNING!**
- The prepared product is alkaline.
 - During handling and transport, goggles, gloves and anti-dust masks should be worn.
 - In case the product gets accidentally into your eyes, wash immediately with lots of clean water and then quickly contact a doctor!
 - Products with damaged packaging should not be used.
 - The unused items should not be discarded into the sewerage system

Note 1: The present data sheet accompanies each invoice or waybill which refers to the product presented in the sheet.

Note 2: It is forbidden to reproduce parts or fragments from the present data sheet.

Note 3: The present data sheet has been drawn up to properly inform the user about the presented product. The use of this sheet for other purpose than informing you about the product and preparing the technological specifications regarding application is strictly forbidden without the written consent of ITAL-KOL.

Note 4: For other additional information, which you consider you should receive or you find useful, we recommend that you contact the producer in writing, before using the product. Any producer liability regarding failures in applying the product resulted from misinterpreting the text of the present data sheet or from verbal consultancy is excluded.

Note 5: The data presented in the product data sheet and, mainly, the instructions regarding the manner and area of application of the product are based on the skills and practical experience of the person applying the product. Due to a large variety of materials, tools or working conditions which we cannot totally control or foresee or which, even if they are clearly mentioned in the product data sheet, are not correctly assessed by the person applying the product, in each case we recommend, before use, to carry out individual tests of applying the product, so that you can be sure that the product the present data sheet is describing is suitable for your respective field of application.

Any producer liability regarding failures in applying the product resulted from the causes mentioned above in this sheet is excluded, except for the event when the damages resulted only from the poor quality of the product that the present data sheet refers to.

Note 6: Depending on the evolution of the technical regulations applicable, the producer preserves the right to modify the present data sheet. For the purpose of confirming the data in the sheet, we recommend you to visit the web page: web www.italkol.ro prior to using the product