



KARSTEN TUBE

Checking surfaces with hydrophobic treatment

- Shows the result of your work to your customers
- Measuring is knowing
- For all stone surfaces
- Fixes water absorption before and after hydrophobic sealing

KARSTEN TUBE

DESCRIPTION

A tool to determine the porosity and/or water absorption behaviour of all stone surfaces. We recommend you use it before and after making surfaces hydrophobic.

RECOMMENDED USE

According to Dr Karsten, the testing of water absorption through mineral constructions materials using the test tube provides the exact construction material data, respectively a building section, with respect to the moisture absorption, where it indicates the amount of water passing through the construction material (air dry at the start).

The test tube is supplied as a vertical model.

The method can be used both in practice and in the laboratory.

RECOMMENDED SYSTEM

Use elastic putty to stick the test tube to façade or wall to be tested.

To this end, the putty is rolled up into a roll beforehand and laid on the rim of the tube.

Pressing the tube onto the surface causes the putty to create a watertight adhesion.

During the testing, lightly press on the tube so that the putty does not sag, which would lead to incorrect data.

The contact area of the water with the surface must be minimally 1 cm².

To test the water absorption capacity, fill the test tube using a plastic laboratory spray bottle or similar.

The amount of water penetrating is read off at regular intervals.

The test must be carried out at different places to achieve a representative picture of the total surface.

In the case of a brick façade, carry out tests on the entire brick as well as on the connection points of bed and perpendicular joints of the building brick.

For non-porous surfaces, such as concrete, carry out the tests on places that provide a geometric distribution for the entire surface.

30 mm filling height = stripe	4.0	= water pressure at wind speed	83.5 km/h
40 mm	3.5		92
50 mm	3.0		102
92 mm	1.0		135
113 mm	0.0		155

The impregnated façade function (reduction of the water absorption) is determined to be adequate when the water column drops max. 0.2 ml during the two-minute test period and fills up 40 mm (stripe 3.5 in driving rain), i.e. the water column drops by two stripes.

Date issued: 22/11/2021

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

Disclaimer: The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Rust-Oleum Europe be liable for consequential or incidental damages. Products must be stored, handled, and applied under conditions complying with Rust-Oleum Europe recommendations detailed within the latest copy of the product data sheet. It is the user's responsibility to ensure that they have the current copy. Latest copies of the product data sheet is available for free and downloadable from www.rust-oleum.eu or upon a request to our Customer Services department. Rust-Oleum Europe reserves the right to change the properties of its' products without prior notification.

Rust-Oleum Netherlands B.V.
Zilverenberg 16
5234 GM 's-Hertogenbosch
The Netherlands
T : +31 (0) 165 593 636
F : +31 (0) 165 593 600
info@rust-oleum.eu

Tor Coatings Ltd (Rust-Oleum Industrial)
Shadon Way, Portobello Ind. Estate
Birtley, Chester-le-Street
DH3 2RE United Kingdom
T : +44 (0)1914 113 146
F : +44 (0)1914 113 147
info@rust-oleum.eu

Rust-Oleum France S.A.S.
38, av. du Gros Chêne
95322 Herblay
France
T : +33(0) 130 40 00 44
F : +33(0) 130 40 99 80
info@rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Belgium
T : +32 (0) 13 460 200
F : +32 (0) 13 460 201
info@rust-oleum.eu