



DESCRIPTION OF THE PRODUCT

Elastomeric resin-based waterproofing paste in water emulsion and special rubber fillers with long life waterproofing quality and exceptional resistance to puncture. The product has excellent durability and impermeability. SCUDO SYSTEM met ICC-ES AC29 certification.

SCUDO SYSTEM has obtained the **EC1 PLUS** brand, which identifies EMICODE certified products: construction products with low emissions of volatile organic compounds (VOC) and semi-volatile ones.

USE FIELDS

Good bonding strength on concrete, bricks, masonry and wood.

Product used to waterproof counter-ground walls, foundations and concrete products with excellent resistance to salted water in case of contact.

SURFACE PREPARATION

Clean the support thoroughly to eliminate: dirt, dust, loose materials, any form of oil or grease and foreign or bonding-proof matters. Apply the product only on dry surfaces.

WARNING

Do not add any additives.

Do not use if the packaging is damaged.

Do not add any water nor solvents.

Before applying on concrete ensure that the concrete support is well cured, and there is no condensation contained in the structure (usually 28 days after casting).

Before applying the product check the support for hidden moisture to avoid scaling and superficial blisters due to vapor pressure.

Do not apply SCUDO SYSTEM on frozen surfaces, or when precipitations, fog or frost is imminent. Once applied, protect SCUDO SYSTEM from any form of water (liquid, vapor or ice) for at least 24 hours. After 24 hours, it is fully waterproof. Wait between 4 to 7 days before embanking.

Apply the product at temperatures between +5°C and + 35°C.



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Item Code see DDT
Date of issue 15.06.2020
Revision nr. 06
Page 2 of 4

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APPLICATION

The product is ready to use and can be applied with ONLY A COAT with metallic trowel or by spraying.

CONSUMPTION

Total consumption: 2.8 - 3.3 kg/m².
Vapour barrier: 3-3.3 kg/m²

PACKAGING

20 kg buckets.

STORAGE

The product in its undamaged packaging can be stored for 12 months. Please store it at temperatures between + 5 °C and 35 °C. No frost-proof.

SAFETY INSTRUCTIONS

PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet, edited in accordance with the regulations in force, which contains physical, toxic and other data about the product in use.

ECOLOGY

Do not throughout the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. WINKLER S.r.l. reserves the right to modify and up-date said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.



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Item Code see DDT
Date of issue 15.06.2020
Revision nr. 06
Page 3 of 4

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TECHNICAL FEATURES (average values)

PRODUCT FEATURES

ASPECT:	paste
COLOUR:	black
SPECIFIC GRAVITY at 20°C (g/cm ³)	1.22 ± 0.01
SOLID CONTENT (%)	72 ± 1
pH	9 ± 1
BROOKFIELD VISCOSITY at 20°C (CPs)	40,000 ± 3,000

OPERATIONAL PRODUCT PERFORMANCES

M. Masini S.r.l. test and researches institute - TEST REPORT N. 1367-2008

Adhesion test – Concrete (ASTM D903)	Average value: 1,62 MPa IMPORTANT NOTE: Detachment of support from the product
Durability (UNI EN 13251:2005 app. B)	Passed, > 80%
Water Impermeability (UNI EN 1928:2002)	Passed, 60 kPa
Resistance to static loading - Puncture (UNI EN 12730:2002)	Passed, > 15 kg
Resistance to negative pressure (UNI 8298/8)	2 bars
Elongation at break (ASTM D 2370)	75%

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Page 4 of 4

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Volatile Organic Compounds Emission

Parameter	Max. allowed concentration (μm^3)
TVOC after 3 days	≤ 750
TVOC after 28 days	≤ 60

Test performed by the EUROFINS institute according to EN 16516, ISO 16000-3-6-9-11 and ASTM D5116-10, Test report n. 392-2017-00404102_G_EN

The product meets the Norm 2003/53/CE standards

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