



UNIBAR MALTA

Art. code see DDT

Date of issue 15.07.2016

Review nr. 03

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Via M. Buonarroti, 15 – 20093 Cologno M.se (MI) – Italia Tel. +39 02/267.00.605 – Fax +39 02/267.00.621 –
info@winklerchimica.com www.winklerchimica.com

DESCRIPTION OF THE PRODUCT

Three components, solvent free mortar, with an high mechanical resistance and very high workability time, composed by epoxy binders, hardeners and special additived charges with reactive raw materials (SC1).

USE FIELDS

UNIBAR MALTA is suitable to repair and patch holes, large cracks and unevenness. Drops of the surface of dispatching load layers.

SURFACE PREPARATION

Accurately clean the support to eliminate: dust, oils, greases and foreign substances.

In case of reducing surfaces and weak supports, after reading the technical sheet, treat them at first with **UNIBAR FORMULA diluted with ethylic alcohol, then with 2 coats of UNIBAR FORMULA used as barrier to vapour to eliminate in time the possibility of rise of the wet hidden in the foundation.**

MIXING PROCESS OF THE PRE-BATCHED COMPONENTS BEFORE APPLYING

UNIBAR MALTA PREPARATION

Pour **ALL COMPONENT B (2.5 kg)** into **COMPONENT A (5 kg)** and slowly mix, also by hand, to achieve a homogeneous liquid.

Pour all the special **SC1** extenders (**33 kg**) into A + B and mix with the suitable equipment to achieve a **homogenous mix**.

APPLICATION

Once mixed the three components, the product can be applied by means of an appropriate pressure by means of standard spatulas and trowels.



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LIMITS DUE TO ENVIRONMENTAL CONDITIONS

Support temperatures lower than +10°C HIGHLY slow down the progressive hardening, therefore **do not apply the product at temperatures lower than the above mentioned ones.**

PLEASE DO NOT LEAVE THE TWO COMPONENTS (A and B) UNDER THE SUN (VANS, TRUCKS ...) AS THEY COULD BE OVERHEATED AND THAT CAN CAUSE THE DRASTIC LOWERING OF THEIR WORKING LIFE.

NEEDS LINKED TO THE TYPE OF PRODUCT

UNIBAR MALTA, as all the THREE-COMPONENT products, REQUIRES the right order of introduction of the three components, which are **delivered pre-batched**, and their perfect mixing before the application.

ONCE MIXED THE COMPONENTS OF UNIBAR MALTA, THE PRODUCT MUST BE APPLIED WITHIN THE WORKING LIFE SUGGESTED.

PRECAUTIONS

In case of tiles overlaying, please consult our technical office.

The product **MUST NOT** be diluted with solvents (both organic and inorganic) nor water.

CONSUMPTION

2 kg/m² for 1 mm thickness.

TOOL MAINTENANCE

Clean tools with ethylic alcohol, before full hardening of the product.

PACKAGING

COMPONENT A: 5 kg

COMPONENT B 2.5 kg

SELECTED SC1 EXTENDERS: 33 kg



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STORAGE

The product in its undamaged packaging can be stored for 12 months. No frost-proof. Please store it at temperatures between 10°C and 35°C.

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 through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

PHYSICAL FEATURES OF UNIBAR MALTA

	Comp. A	Comp. B	SPECIAL CHARGES SC1
Look	LIQUID	LIQUID	POWDER
Colour	STRAW-YELLOW TRANSPARENT	TRANSPARENT	LIGHT GREY
Density g/cm ³	1.14	0.97	
Viscosity (mPa.s)	800	100	
Solid content	100	100	100

UNIBAR MALTA APPLICATION DATA

Ratio of PREMIXED components (kg) A + B + SC1	Comp. A+ Comp. B + SC1 5 kg + 2.5 kg + 33 kg
Status after mixing of component A, B, SC1	PLASTIC
SPECIFIC WEIGHT (g/m ³)	2.0

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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V.O.C. (g/l)	0
Interval of Application Temperatures	+ 10°C to +30°C
Working life	90 MINUTES (+10°C)
	60 MINUTES (+20°C)
	30 MINUTES (+30°C)
Hardening time	6 h (+30°C) to 12 h (+20°C)
Full hardening	after 7 days

UNIBAR MALTA FINAL PERFORMANCES

Resistance to wet		Very good
Resistance to oils	(after 7 days)	Good
Resistance to solvents	(after 7 days)	Good
Bonding strength – N/mm ²	(after 7 days)	> 1.5
Resistance to compression	(after 7 days)	> 600