

PRODUCT DATA SHEET

ITEM CODE: SEE DN
ISSUE DATE: 11/02/2026
REVIEW: NO. 6



UNIBAR G

COMPLIANT WITH EU NORM
UNI EN 13813
SR RWA10-IR4-B2,0
SCREEDS BASED ON SYNTHETIC RESYN

DESCRIPTION OF THE PRODUCT

Two-component, waterproof, coloured epoxy finish developed by WINKLER Research & Development Laboratories.

The inert components in the product create a textured surface, making it suitable for all situations where good non-slip performance is required.

The product also exhibits excellent water resistance and good resistance to common solvents and oils.

UNIBAR G demonstrates very good mechanical wear resistance. Being solvent-free, it also has a very low environmental impact.

FIELDS OF USE

Coating for pavements subject to standard medium-light traffic, such as pedestrian areas, garages, warehouses, and forklift truck zones.

SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, oils, greases, and other contaminants.

The concrete flooring must have a tensile strength (pull-off) of at least 1.5 MPa.

After reviewing the technical data sheet, treat the substrate with **UNIBAR FORMULA**. Once the substrate is stable and no longer tacky, apply **UNIBAR G**.

RECOMMENDATIONS

Do not dilute with any type of solvents.

WARNINGS

Apply the product at temperatures between +10°C and +30°C with relative humidity below 70%. The substrate surface temperature must be at least +3°C above the dew point.

A substrate temperature below +10°C significantly slows down curing. Therefore, do not apply the product below this temperature.

Avoid leaving the two components (A and B) in the sun or in places where they may overheat (vans, trucks, etc.), as this drastically reduces the working time. Do not use the product beyond its pot life.

APPLICATION

UNIBAR G, like all two-component products, requires the correct sequence of component addition. The two pre-measured components must be thoroughly and evenly mixed before application.

Mix Component A thoroughly to homogenize any sediments. Pour all of Component B into Component A and mix slowly, even by hand, until a uniform, homogeneous liquid is obtained.

Apply the product using a brush and roller. Each subsequent coat can be applied once the previous layer has become stable and tack-free (approximately 12-16 hours).

CONSUMPTION

The level of protection varies depending on the applied thickness and the condition of the substrate surface.

Smooth surfaces: approximately 200-300 g/m², applied in one or two coats

Rough or deteriorated surfaces: it is recommended to apply 300-400 g/m² in two coats

PACKAGING

Component A: 4.5 kg

Component B: 1.5 kg

STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

TECHNICAL FEATURES (average value)

FEATURES	COMPONENT A	COMPONENT B
Appearance	Liquid	Liquid
Colour	Red - Grey	Clear
Density	1.25 g/cm ³	0.97 g/cm ³
Solid content	100%	100%

UNIBAR G - APPLICATION DATA

FEATURES	RESULTS
Premixed A+B Components Mixing Ratio (A+B)	4.5 kg + 1.5 kg
Aspect after mixing	Thixotropic fluid
Density	1.15 g/cm ³
Colour	Grey - Red
Application temperature range	+5°C to +30°C
Pot life	120 min (+10°C) 90 min (+20°C) 60 min (+30°C)
Hardening time	8 h (+30°C) to 12 h (+20°C)
Full hardness	7 days

PERFORMANCE DATA OF HARDENED PRODUCT ACCORDING TO UNI EN 13813

FEATURES	STANDARD	RESULTS
Wear resistance (rotating load method)	UNI EN 13892-5	$\leq 10\text{cm}^3$
Impact resistance	UNI EN ISO 6275	$\geq 20 \text{ N.m}$
Adhesion strength	UNI EN 13892-8	$\geq 4,0 \text{ N/mm}^2$
Reaction to fire	UNI EN 13501-1	F _{fl}

DISCLAIMER AND LEGAL NOTICE – WINKLER

The information and instructions contained in this Technical Data Sheet are prepared on the basis of WINKLER's best technical and application knowledge and are provided for guidance only. However, since WINKLER cannot directly control site conditions or the execution of works, these indications are in no way binding on WINKLER.

The data provided do not exempt the purchaser from the responsibility of verifying, through practical tests and comprehensive applications, the suitability of the product for the intended use and of determining whether it is appropriate for the desired application; the user assumes all responsibility arising from its use. The customer is also responsible for verifying that this Technical Data Sheet is valid for the batch of product of interest and that it has not been superseded by later editions. The updated Technical Data Sheet is available on WINKLER's official website.

The contents of this Technical Data Sheet may be reproduced in other project documents, but the resulting document may under no circumstances replace or supplement the Technical Data Sheet in force at the time of application of the WINKLER product. Any alteration of the text or conditions contained in this Technical Data Sheet or derived from it releases WINKLER from any liability. WINKLER reserves the right to make technical changes of any kind to its products and/or Technical Data Sheets without notice. This revision cancels and replaces all previous ones.