



UNIBAR SL

Art. code see DDT

Date of issue 15.03.2010

Review nr. 01

Page 1 of 4

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

Epoxy bonds, hardeners, special extenders (SC2).

FEATURES

It enables to recover load dispatching layers with damaged surface achieving smooth surface with high chemical and mechanical resistance.

PHYSICAL FEATURES OF UNIBAR SL

	COMPONENT A	COMPONENT B	SPECIAL EXTENDERS SC2
Look:	LIQUID	LIQUID	POWDER
Colour:		TRANSPARENT	GREY
Density g/cm ³	1.14	0.97	
Solid content	100	100	100

USE FIELDS

Coating of civil pavements (boxes, garages, pedestrian ways, schools, offices, showrooms, etc.) also suitable for industrial floorings subject to medium traffic and stress (forklift trucks, warehouses, storage areas, etc.).

UNIBAR SL APPLICATION DATA

Mixing ratio(in kg) of PREMIXED components A + B + SC2	Comp. A + Comp. B + SC2 5 kg + 2.5 kg + 11.73 kg
Status after mixing of components A + B + SC2	SELF-LEVELLING LAYER
Colour	GREY-ECRU
Density g/cm ³	1.5
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	12 h (+30°C) to 24 h (+20°C)
Full achievement of CHEMICAL and MECHANICAL RESISTANCES	After 7 days

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any other previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT



UNIBAR SL

Art. code see DDT

Date of issue 15.03.2010

Review nr. 01

Page 2 of 4

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

UNIBAR SL FINAL PERFORMANCES

Resistance to wet		Very good
Resistance to solvents	(after 7 days)	Good
Resistance to oils	(after 7 days)	Good
Resistance to abrasion (TABER grinder CS 17, 1000 REV)	(after 7 days)	70 mg

SURFACE PREPARATION

Accurately clean the support to eliminate: dust, oils, greases and foreign substances. Do not use chemical, acid or basic detergents for cleaning.

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.**

PROCESS TO MIX THE THREE COMPONENTS BEFORE THE APPLICATION OF UNIBAR SL.

UNIBAR SL 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 **SC2** extenders (**11.73 kg**) into A + B and mix with the suitable equipment to achieve a **homogenous mix**.

APPLICATION

Before the application delimit the surfaces that must be levelled by means of appropriate shims (2-3 mm) to avoid the dispersion of the product in the wrong areas. Once poured UNIBAR SL on the load dispatching layer, make self-levelling easier by working with toothed spatula (triangular tooth). When UNIBAR SL is homogeneously distributed on the surface, equalize the thickness with a pressing roller. This operation must be made wearing clouded shoes.

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.**

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any other previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT



UNIBAR SL

Art. code see DDT

Date of issue 15.03.2010

Review nr. 01

Page 3 of 4

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

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 SL, 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 SL, IT MUST BE APPLIED WITHIN THE WORKING LIFE SUGGESTED.

LIMITS LINKED TO THE OPERATIONAL CONDITIONS

UNIBAR SL when fully hardened ensures specular surface. In these conditions (wet or dirt with oils) it can cause slipping.

To guarantee non-slip performances, once **UNIBAR SL** is step steady (12-24 hours), apply 1 or more coats of **UNIBAR FINITURA ANTISDRUCCIOLO**, but please before read the technical sheet.

CAUTIONS

UNIBAR SL **MUST NOT** be diluted with any types of solvents.

CONSUMPTION

1.5 kg/m² for 1 mm thickness.

TOOL MAINTENANCE

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

PACKAGING

COMPONENT A: 5 kg

COMPONENT B 2.5 kg

SC2 SPECIAL EXTENDERS: 11.73 kg

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any other previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT



UNIBAR SL

Art. code see DDT

Date of issue 15.03.2010

Review nr. 01

Page 4 of 4

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

STORAGE

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

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any other previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT