

# PRODUCT DATA SHEET

## WINMAT

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### DESCRIPTION OF THE PRODUCT

**WINMAT** is a water-based aliphatic polyurethane finish with a clear matte appearance. It is completely solvent free and provides excellent mechanical and abrasion resistance, along with superior UV stability. Its low dirt adhesion ensures that surfaces remain easier to clean and maintain over time.

Formulated by WINKLER Research & Development Laboratories.

### FIELDS OF USE

**WINMAT** is used as a protective finish to enhance wear resistance and ease of maintenance of epoxy or polyurethane floor systems, including surfaces subject to vehicular traffic. It can also be applied over **WINTAPLAST** in swimming pools to extend the product's lifespan and improve surface cleanliness. **WINMAT** should be applied 7-days after the final coat of **WINTAPLAST** has cured.

By adding specific fillers (glass microspheres), it is possible to achieve anti-slip properties, up to a maximum of 7-8%.

### SURFACE PREPARATION

Proper surface preparation is essential. The surface must be clean, dry, sound, and have a minimum tensile strength of 1.5 MPa.

Existing resinous flooring must be fully cured and dry, and sanded in advance using a single-brush machine with fine sandpaper or abrasive mesh to ensure optimal adhesion of **WINMAT**. All sanding dust should be thoroughly removed by vigorous washing.

### PRODUCT PREPARATION

Thoroughly mix the two components (A+B) until a homogeneous consistency is achieved. During mixing, the product will emulsify and its viscosity will increase. For improved workability, dilute the product with 15-25% clean water as required.

### RECOMMENDATIONS

Do not use the product if the packaging is damaged.  
Do not use the product beyond the expiration date indicated on the packaging.  
Do not dilute with solvents.

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## APPLICATION

The product can be applied using a roller, brush or spray in a single coat, at a consumption of 50-80 g/m<sup>2</sup> (use of a sponge roller is preferred). Apply the product at temperatures between +10°C and + 30°C.

## CONSUMPTION

80-120g/m<sup>2</sup> in a single coat

## PACKAGING

Component A: 5kg bucket.

Component B: 1kg bottle.

## 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).

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## TECHNICAL FEATURES (average value)

Data determined at 22 ± 2°C

FEATURES	STANDARD	RESULTS
Catalysis ratio	-	5 parts by weight Comp. A 1 part by weight Comp. B
Bulk density	EN ISO 2811-1	1.07 ± 0.05 kg/l
Pot life	EN ISO 9514	1 h 30 min

## DRYING TIMES

At +22°C and 50% relative humidity

FEATURES	RESULTS
Dry to the touch	1 hour
Pedestrian traffic (with caution)	24 hours
Drivable	3 days
Fully cured	10 days

## PRODUCT FOR PROFESSIONAL USE ONLY

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