

KDF-PU 1056 TOP COATING

FOR SANDPROOF-WATERPOOF PLAYGROUND FLOORINGS

GENERAL CHARACTERISTICS

KDF-PU 1056 TOP COATING is a polyurethane, two-component, solvent-based, glossy finish aliphatic, elastic coating for outdoor sports surfaces.

It is applied as a final, sealing layer on top of playground floorings made of **SBR rubber** plus **PU binder mixture**, or **EPDM** plus **PU binder mixture**, on safety tiles. Especially used as the sealing top coat in the **SAFEPOL SANDPROOF** system.

Provides a glossy surface with exceptional resistance in abrasion and various chemical agents.

It is UV-resistant and thus absolutely suitable for outdoor surfaces.

TECHNICAL DATA

Mixing Ratio (transparent)	83,5 : 16,5 (by weight)
Mixing Ratio (colored)	78 : 22 (by weight)
Density (25°C) (transparent)	1.30-1.40 kg/l
Density (25°C) (colored)	1.30-1.40 kg/l
Viscosity (25°C) (transparent)	800-2500 mPa•s at 25°C
Viscosity (25°C) (colored)	800-2500 mPa•s at 25°C
Application Temperature	10°C-40°C
Curing (25°C)	8-10 hour
Color	18 colors from KDF color chart

PREPARATION-APPLICATION

- Good, dry cleaning of the surface from dust and residues using vacuum cleaner and squeegees.
- Caution must be taken so that temperature of the support surface as well as ambient air remains above 15°C during application and curing of the materials while relative humidity does not exceed 75%.
- The resin component should be thoroughly stirred to incorporate any slight separation, whilst continuing stirring the contents of the hardener container should be added. Continue stirring until a homogeneous mix is obtained. Airless sprayer or roller can apply **KDF-PU 1056 TOP COATING**.

CONSUMPTION

App.350-400 gr/m² for the SAFEPOL SANDPROOF system. Apply three coats at least.

PACKAGING

Set of 20kg



APPLICATION TOOLS

Airless sprayer or roller.



STORAGE

12 months in unopened containers in dry places with minimum temperature 5°C and maximum temperature 30°C.

REMARKS

- Working time of **KDF-PU 1056 TOP COATING** decreases when ambient temperature rises.
- Prolonged storage of partially used containers containing **KDF-PU 1056 TOP COATING** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- After hardening **KDF-PU 1056 TOP COATING** is completely safe for health.
- The three layers of **KDF-PU 1056 TOP COATING** will have to be applied strictly within 24 hours of one another (European conditions) **or within 3-6 hours (GCC high-temperature conditions)** in order to cover the surface swiftly and protect it from unwanted weather or other adverse conditions (sand dust, accumulated dirt or foreign matter etc.). In case the 24-hour limit (Europe) or the 3-6-hour limit (GCC) is surpassed or weather or other adverse conditions interfere between layers at any time, the surface might need sanding again to restore smoothness and cleanliness before applying subsequent layers of the aliphatic top coat.

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr

Headquarters/Showroom Office
19th km National Road Thessaloniki-Moudania
57001, Neo Rysio, Thessaloniki, Greece
t / f : +30 2310 829598

