

POLYSPORT 1053

UV-RESISTANT, POLYURETHANE-BASED, TWO-COMPONENT, FINISH PAINT

GENERAL CHARACTERISTICS

POLYSPORT MAT 1053 is a polyurethane, two-component, solvent-based, finish paint for equestrian flooring systems.

- It is applied as a final, sealing layer on top of seamless rubber floorings for horse stalls, barns, paddocks.
- Provides a 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) | 85 :15 (By weight) |
| Density (20°C) | app. 1,3±0.1 gr/cm ³ |
| Application Temperature | Min 5°C |
| Curing (20°C) | 8-10 hour |
| VOC | 170 g/kg (Council Directive 1999/13/EC) After 12 hours you may walk over it. After 7 days it resists against mechanical load and chemical substances. |
| Color | Standard plus Colors from Ral catalog |

PREPARATION-APPLICATION

- Good, drycleaning 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 **POLYSPORT 1053**.

CONSUMPTION

App.250 gr/m², depending on the substrate. Apply two coats at least.

PACKAGING

5kg, 15kg set (A+B).

STORAGE

9 months at 20°C.

REMARKS

- Working time of **POLYSPORT MAT 1053** decreases when ambient temperature rises.
- Prolonged storage of partially used containers containing **POLYSPORT MAT 1053** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- After hardening **POLYSPORT MAT 1053** is completely safe for health.

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. Flammable before application.

For more information consult the material safety data sheet.

CHEMICAL RESISTANCE

| | |
|--------------------|---|
| Ammoniac (% 25) | 1 |
| Antifreeze | 1 |
| Acetone | 3 |
| Acetic Acid (% 10) | 2 |
| Beer | 1 |

| | |
|----------------------------|---|
| Benzene | 2 |
| Buthanol | 3 |
| Butyl Acetate | 3 |
| Ethyl Acetate | 3 |
| Ethanol | 1 |
| Phormic Acid (% 98) | 4 |
| Formaldehyde | 2 |
| Gas oil | 3 |
| Hydraulic Oil | 2 |
| Hexane | 1 |
| Isopropanol | 3 |
| Chlorined Bleaching Liquid | 1 |
| Cromic Acid (% 50) | 1 |
| Chloric Acid (% 5) | 3 |
| Xylene | 3 |
| Lactic Acid (%3) | 2 |
| Liqueur | 1 |
| Grease | 1 |
| Methyl Alcohol | 1 |
| Methyl Ethyl Ketone | 3 |
| Methylene Chloride | 1 |
| Nitric Acid (% 5) | 1 |
| Oxalic Acid (% 10) | 1 |
| Potassium Hydroxide (% 25) | 1 |
| Citric Acid (% 10) | 1 |
| Sodium Chloride (% 5) | 1 |
| Sulphuric Acid (% 30) | 4 |
| Sugar (% 20) | 1 |

Water

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1 :FILM RESISTANT

2: FILM LOW SOFTENING

3: FILM SOFTENING

4: FILM NOT RESISTANT

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