

SPORTS SURFACES

DATA SHEET

SOFTBASE WS

Concentrated acrylic resin based coating for sealing decks

CHARACTERISTICS

Softbase WS is a concentrated acrylic resin based coating formulated to smooth down porous asphalt decks, in preparation for the next acrylic system. Thanks to the addition of specifically selected quartz sand, Softbase WS smooths the porous surface of asphalt deck, filling in all the holes to obtain a perfectly smooth surface for the next resin coatings.

APPEARANCE

Black medium-viscosity paste.

CHARACTERISTICS OF THE LIQUID PRODUCT

| Characteristic | U.M. | Value | Tolerance |
|--------------------|--------------------|-------|-----------|
| Specific weight | Kg/dm ³ | 1,25 | ± 0,1 |
| Dry mass residue | % | 53 | ± 3 |
| Dry volume residue | % | 41 | ± 3 |
| Residue at 450°C | % | 27 | ± 3 |
| pH | - | 8 | ± 1 |

APPLICATION METHOD

Add quartz sand (type 0.1 – 0.3 mm) and clean water (approx. 30% w/w of the total weight of the mixture), mixing slowly. Continue until the mixture is perfectly uniform. The mixture may be mixed by hand mixer or in a cement mixer. Apply one or more coatings, if requested, using the following Softbase WS / quartz sand weight ratio:

FIRST COATING 40:60
SECOND COATING 50:50

LAYING INSTRUCTIONS

| Tools | Thinner | Type of thinner | Cleaning tools |
|----------------|--|-----------------|----------------|
| Rubber spatula | 20 - 30% of the total mixture (resin+sand) | Water | Water |

LAYING SURFACE

Softbase WS mixed with quartz sand may be applied on:

- Asphalt mat that has been allowed to cure for 3 - 4 weeks from laying
- Cement decks smoothed with a fine plasterer's trowel after applying a primer; please contact the Technical Office of Casali S.p.A. for more detailed information about this type of application.

IMPORTANT: resin surfaces are generally waterproof (non-draining) so that the deck must be sloped correctly to ensure rainwater runoff and prevent pooling. Works to correct the deck must be carried out before laying the final covering; if necessary please contact the Technical Office of Casali S.p.A.

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CONSUMPTION

Recommended coverage on asphalt is at least 0.40 Kg./sq.m. of Softbase WS + 0.60 Kg./sq.m. of sand in 1 coat.
In the case of highly porous decks, due to the presence of coarse inert materials, apply up to 0.65 Kg./sq.m. of Softbase WS + 0.85 Kg./sq.m. of sand in two coatings (0.4 Kg./sq.m. of Softbase WS + 0.6 Kg./sq.m. of sand for the first coating and 0.25 Kg./sq.m. of Softbase WS + 0.25 Kg./sq.m. of sand for the second coating). In the case of cement decks, coverage coverage should be approximately 0.5 Kg./sq.m. (0.20 Kg./sq.m. of Softbase WS + 0.30 Kg./sq.m. of sand) in 1 coat.

APPLICATION INSTRUCTIONS

Ambient temperature: MIN 10°C - MAX 40°C
Ambient relative humidity: MAX 90 %
Laying surface temperature: MIN 5°C - MAX 50°C

DRYING AT 23°C AND R.H. OF 50%

| | |
|---------------------------|-----|
| On surface | 1 h |
| To touch | 2 h |
| Interval between coatings | 4 h |

The times indicated refer to standard laboratory conditions. Curing times are strongly affected by weather conditions; high temperatures and direct sunlight accelerate curing; shade, low temperatures and high levels of humidity slow down curing. In winter, lay the product in the warmer hours of the day. Always allow the coating to dry perfectly before applying the next coating.

PACKAGING INSTRUCTIONS

| | |
|-------------------|--------------|
| Colours available | Black. |
| Packaging | 40 kg drums. |

STORAGE INSTRUCTIONS

| | |
|------------------------------------|--------------------|
| Storage temperature: | MIN 3°C - MAX 40°C |
| Stability in the original package: | 12 months |

IMPORTANT INSTRUCTIONS

Do not apply the product in the case of fog, high humidity levels, rain or frost. The conditions of the deck must be checked to ensure that it is plane, resistant, consistent that the granule grading is correct in order to prevent imperfections on the surface. Repairs and/or filling must be carried out according to the specifications of Casali S.p.A. Check for rising dampness and/or infiltrations, if necessary contact the Technical Office of Casali S.p.A.

SAFETY STANDARDS

Please read the safety data sheet carefully before using this product.

*The data provided by these data sheets are approximate and the Company reserves the right to modify the same for technical reasons, without prior notice. The solutions proposed do not represent all the possible uses but are merely case studies deriving from Casali's installation experience and are therefore intended only for purposes of illustration. The user is exclusively responsible for the way the products illustrated are used, whether properly or improperly, for evaluating in advance the suitability or otherwise of the product for its requirements and exerting the utmost caution in handling chemical products. **Important: to ensure best colour uniformity of surface laid products, we recommend that you use materials from the same production lot as finishing layer. The Technical Office of Casali's Synthetics Division is at your complete disposal for any further specific information or explanations you may require (phone 071 9162095).***

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