

Neocryl Sport Flex

Anti-slippery acrylic coating for sport floors

Fields of application

Polymer-based coating, suitable for application on any court made of asphalt, cement slurries, concrete, hard quick (e.g. for tennis, basketball, volley ball, hand ball as well as for schoolyards) and the surrounding walls.

Properties-Advantages

- High resistance to weathering and abrasion
- Very good adhesion
- Protects the courts from wear and adverse weather thus prolonging their service life
- It gives colour to courts and their surroundings
- Economic solution with high coverage and ease of application
- Environmentally friendly
- Increased flexibility
- Certified with CE (EN 1504-2)
- Complies with the Directive 2004/42 / EC, for the use of organic solvents in certain paints and varnishes (low VOC paint)

Technical characteristics

Density (EN ISO 2811.01)	1,30 kg/l
Use	~5-6 days at +25°C
Hardness Shore A (EN ISO 868:2003/ASTM 2240)	76
Consumption	250-330gr/m ² for two coats (depending on substrate absorptivity)
Maximum Load (ASTM D 412-06a)	24,05 ± 1,39N
Tensile Stress at Maximum Load (ASTM D 412-06a)	2,03 ± 0,09MPa
Tensile Strain at Maximum Load (ASTM D 412-06a)	416,62 ± 28,16%
Tensile Strain at Break (ASTM D 412-06a)	456,00 ± 30,90%
Young's Modulus (ASTM D 412-06a)	12,00 ± 1,72MPa
Flexibility (ASTM D522, 180° bend, 1/8" mandrel)	Pass
Skid resistance (EN 13036-4, wet surface)	41 (PTV scale)

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THESSALONIKI: Ionias Str., GR 57009 Kalochori, Thessaloniki, Greece, Tel.: +30 2310 467275, Fax: +30 2310 463442

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V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AjWB "One-pack performance coatings": 140g/l (Limit 1.1.2010). V.O.C. content of the ready to use product <15g/l.

Overcoating- Walkability

Temperature	Time
+12°C	8 hours
+25°C	4 hours

Instruction for use

Surface preparation: Surfaces must be dry, clean from dust, dirt, greasy substances. Before the application, for stabilizing the surface, sealing all pores, enhancement of the adhesion and the material's coverage, apply 1 coating of **Revinex**[®] diluted with water (**Revinex**[®]:Water-1:4)

Application: **Neocryl Sport Flex**[®] is applied after thorough stirring, in at least 2 coatings. Apply it with brush, roller, or airless spray. The first coating is diluted with pure water 20-25% and 10-15% for the second.

Special notes

- **Neocryl Sport Flex**[®] should not be applied under wet conditions or high humidity
- *Application conditions:* Substrate moisture <4% / Relative atmospheric humidity <80% / Atmospheric and substrate temperature: +8°C min. / +35°C max.
- **Neocryl Sport Flex**[®] must not be applied with humid weather, or if rain or humidity are forecasted for the next 48 hours
- Low temperatures and high humidity prolong drying and overcoating
- For the creation of anti-slippery surface **Neocryl Sport Flex**[®] should be mixed with quartz sand (10 -25% per weight)
- **Neocryl Sport Flex**[®] is not suitable for polyurethane courts with high elasticity

Cleaning of tools

Use plenty of water immediately after application.

Colours

Terracotta (Ral3009), green (Ral6000), white (Ral9003), pastel blue (Ral5024) and tailor-made shades (for a minimum quantity, upon special arrangement).

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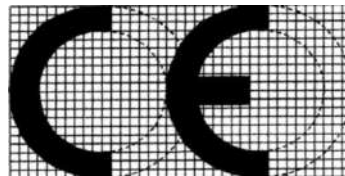
Packing	4kg and 12kg plastic pails
Storage stability	The product is stable for 2 years when kept unopened in its original container, protected from frost and direct sunlight.
Safety precautions	See Safety Data Sheets.



The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

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Dop No/4950-62
EN 1504-2
Neocryl® Sport Flex
Σύστημα προστασίας επιφανειών σκυροδέματος
Surface Protection System for Concrete
Επικάλυψη
Coating

Διαπερατότητα υδρατμών/Water Vapour Permeability Κατηγορία/Class I

Αντοχή αποκόλλησης /Adhesion Strength $\geq 1.5\text{N/mm}^2$

Τριχοειδής απορρόφηση και υδατοπερατότητα/
Capillary Absorption and permeability to water $W < 0.1\text{Kg/m}^2\text{h}^{0.5}$

Διαπερατότητα σε CO₂/Permeability to CO₂ $S_D > 50\text{m}$

Αντίδραση στη φωτιά/Reaction to Fire Ευρωκατηγορία F/Euroclass F

Επικίνδυνες ουσίες/Dangerous Substances Σύμφωνα με 5.4/Comply with 5.4