

HIGH COMFORT ACRYLIC 6-COATS SYSTEM WITH RUBBER CARPET FOR SPORT FLOORS

GENERAL INFORMATION

DESCRIPTION :

COURTSOL COMFORT, included in the **COURTSOL OUTDOOR / INDOOR** line, is an acrylic 6-coats system incorporating a flexible elastomer for tennis courts and other sport floors, which is as well a surface protection system, especially for concrete.

COURTSOL COMFORT combines a bonding undercoat, a 4 (or 10) mm thick rubber mat, 3 flexible base and intermediate layers, with a wear resistant top coat, which provide an optimal comfort to the player by absorbing the shock waves. The obtained coating reduces notably the muscular fatigue of the player and the risks of muscular or ligament injuries.

REMARK : *The rubber carpet thickness reduced to 4 mm, non strictly normative (SA 21 < SA 25), improves however the coating competitiveness (speed, durability, saving).*

PACK SIZES AND COLORS :

RUBBER CARPET: 1,50 m wide rolls (choice of length).

COURTSOL POLYBOND : 25+5 kg net drums

COURTSOL RESIBASE BP: 20 kg net drums (grey).

COURTSOL RESIBASE: 20 kg net drums*

COURTSOL RESITOP: 20 kg net drums*

COURTSOL LINES: 4 kg net pots (white, yellow, orange, red, blue, and black), and 20 kg net drums only in white.

* 9 colors from Courtsol Color chart.
See the product technical data sheets.

FIELD OF USE AND APPLICATION

Conditions of carried out works must be in accordance with standards and regulations in force for the sub-base preparation as well as for the application.

WORK: new or renovation

LOCATION: outdoor or indoor for the tennis.

DESTINATION: Tennis in indoor and Multisport (basketball, volleyball, handball, badminton ...).

On well prepared sub-bases in accordance with the Unified Technical Documents in force and/or other applicable document (See QR code next page):

- concrete, asphalt amongst others
- old compatible coatings and perfectly adherent to the surface.

Note: The hot mix asphalts (as asphalt concrete layer) should not be confused with cold mix or poured asphalt, which are not in the standard field of use, as well as the wood or metal specified in the above mentioned documents (consult us).

SURFACE PREPARATION :

Surface cleaning and preparation works :

Refer to the user documentation.

Cleaning : **FONGIMUR** or **EFYMOUSSE**, **BERCONET**, as the need may occur.

Depressions : **COURTSOL RESIBASE BP**, or **COURTSOL POLYBOND** as the need may occur.

APPLICATION :

- Spread progressively the surface with **COURTSOL POLYBOND**: pour the whole content of the container "B" into the container "A", mix together both components with a mixer and apply with a serrated squeegee at a coverage rate of 800 g/m² on concrete and 1200 g/m² on mix asphalts. (See product data sheet for use conditions) and apply the **RUBBER CARPET** by laying each roll edge to edge.
- Evenly spread a coat of **COURTSOL RESIBASE BP** at a coverage rate of 1,1 kg/m² on the whole surface with a rubber squeegee. Recoatable after 24 hours (See product data sheet).
- Evenly spread two tinted coats of **COURTSOL RESIBASE** at a coverage rate of 600 g/m² to 700 g/m² (each time) on the whole surface with a rubber squeegee. Recoatable after 12 hours (See product data sheet).
- Evenly spread a tinted coat of **COURTSOL RESITOP** at a coverage rate of 500 g/m² on the whole surface with a rubber squeegee. Recoatable after 12 hours (See product data sheet).

The indicated mean consumption can vary depending on the coating implementation conditions.

Note : after complete drying and between each coat, carefully check the surface and scrape the roughness with a metallic scraper, or if needed, sand with Mesh 80 abrasive. Then sweep up or blow off loose particles before any further application.

Line marking :

- Delimitate lines with **COURTSOL ROLLER BAND**.
- Apply a coat of **COURTSOL LINES** (8 kg for a 650 m² sport floor).

Tools: brush, roller, rubber and serrated squeegee.

Consult the technical data sheets of the different applied products.

Dilution : with water

Tools cleaning : with water, immediately after use. If the product has dried, use a solvent type **SYNTHETIC THINNER**.

CAUTION GUIDELINES :

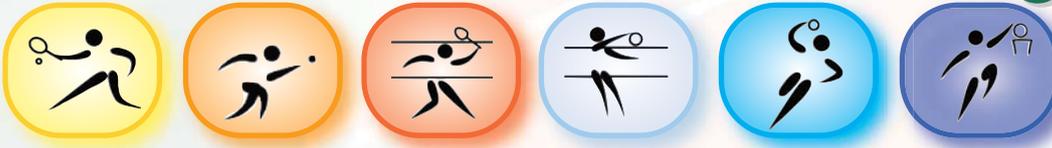
Do not apply :

- at an ambient temperature below 10°C or above 30°C.
- at a relative humidity rate above 70% (interior) or 80% (exterior).
- if the surface temperature is below 10°C or above 40°C.
- by rainy or foggy weather.
- if the crosswind is hot and dry.
- if the substrate contains more than 4% of water in weight, or it is still condensing or wet after a rain shower or cleaning.

Check:

- the perfect compatibility and good adhesion of old coatings to be renovated or maintained.
- the slope conformity in order to ensure the complete water evacuation from the court.
- the putting into service, which requires to wait one week in order to obtain the complete drying of the coating, which one is exclusively designed for sport users equipped with suitable sport shoes.

COURTSOL SYSTEM COMFORT



SPECIFICATIONS

SUITABILITY :

General function: Construction component subject to a voluntary declaration of performance "DoP" of the system in which it has been incorporated (construction product delivered in kit, see QR code), in accordance with the harmonized technical specification selected for its CE marking.

Specific functions by reference to requirements of **NF P90-110** French Standard and the specifications required by the **I.T.F.** regulation "Study Performance Standards for Tennis Court Surfaces".

ITF classification : category 3 (Court Pace Medium) with the 4 mm rubber carpet only.

IDENTIFICATION OF THE PRODUCT :

Consult the technical data sheets of each used product for their own characteristics.

Quality Control: See QR CODE.

HYGIENE AND SAFETY / HEALTH AND ENVIRONMENT

Safety in case of fire, Safety Data Sheet, Hygiene and Health Environment:

See QR CODE to access DoP/SDS/GDS/IDS specific to this product (this construction and decoration product is intended exclusively for building industry professionals and not for sale to the final consumer - see CGU below, whose declared environmental and sanitary characteristics are provided by the INESI (INformation on Environmental and Sanitary Impacts) /TSCC (Technical and Scientific Center of Construction) – in process, no additional environmental statement filed on the governmental website under the Decree No. 2013-1264 of 23 December 2013).

Reaction to fire classification : **Bfl-s1** on substrate **classified Afl or A2fl** (see LNE report K060572DE/15).

Specific HSE eco-labelling : Type II labelling NF EN ISO 14021 for a protection equivalent if not superior to certified and/or regulatory requirements. Explanatory declaration included in the Environmental and sanitary product declaration (ESPD) dealing with the environmental impact of the product (in process).



NEEDED* PRODUCTS FOR A 650 m² COURT

| | | |
|------------------------|----------------------|----------|
| RUBBER CARPET : | 650 m ² , | |
| COURTSOL POLYBOND: | 660 kg, | 22 kits |
| COURTSOL RESIBASE BP : | 720 kg, | 36 drums |
| COURTSOL RESIBASE : | 800 kg, | 40 drums |
| COURTSOL RESITOP : | 340 kg, | 17 drums |
| COURTSOL LINES : | 8 kg. | 2 pots |

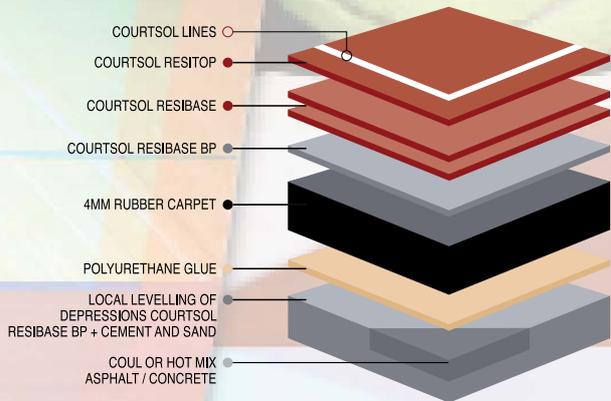
* Average consumptions

Remark : those quantities do not take into consideration a possible depressions leveling or cracks with **COURTSOL RESIBASE BP** or **COURTSOL POLYBOND** and correspond to the minimal consumptions of the different products in order to obtain the appropriate performances of the **COURTSOL system**.

OTHER INFORMATION

User documentation : See QR CODE below.

Lifetime, maintenance, storage, waste : See QR CODE below.



DoP N° C15002
COURTSOL OUTDOOR/INDOOR
COURTSOL COMFORT

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See QR CODE to consult the referenced DoP providing the standard product features (hard copy on request) with supporting documents, all available on www.courtsol.com.

GENERAL CONDITIONS OF USE "CGU"

These conditions are attached to the declaration of performance of each concerned coating product whose consultation is mandatory (hard copy on request), and it allows to verify that this data sheet corresponds to its most recent edition: see QR CODE.