

## TOP QUALITY PROFESSIONAL ACRYLIC 8-COATS SYSTEM FOR SPORT FLOORS

### GENERAL INFORMATION

#### DESCRIPTION :

**COURTSOL PRO**, included in the **COURTSOL OUTDOOR / INDOOR** line, is a synthetic acrylic 8-coats system for tennis courts and other sport floors, which is as well a surface protection system, especially for concrete.

**COURTSOL PRO** combines three flexible base and intermediate layers with four coats containing rubber granules and one non-slip and wear-resistant top coat. The whole system allows to obtain a more performing and sustainable sport surface.

#### PACK SIZES AND COLORS :

**COURTSOL PRIMER ES 15:** 15 kg net drums or 25 kg net jerry cans (transparent).

**COURTSOL PRIMER ES 40:** 15 kg net drums (transparent).

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

**COURTSOL CUSHION BASE:** 22 kg net drums (white).

**COURTSOL S1:** 6 kg net bags (black).

**COURTSOL S2:** 6 kg net bags (black).

**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.

**DESTINATION:** Tennis and multisport courts (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, wood, 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 :

Refer to the user documentation.

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

**Depressions :** **COURTSOL RESIBASE BP**.

**Primer works :**

- **COURTSOL PRIMER ES 15** is used like an adhesion coat on concrete and on old acrylic coatings.

- **COURTSOL PRIMER ES 40** is used as a specific primer coat in order to reinforce the superficial cohesion of mix asphalts.

Consult us for other sub-bases.

#### APPLICATION :

- Evenly spread a coat of **COURTSOL RESIBASE BP** at a coverage rate of 0,5 to 1,5 kg/m<sup>2</sup> on the whole surface with a rubber squeegee. Recoatable after 24 hours (See product data sheet).
- Evenly spread two coats of **COURTSOL CUSHION S1** at a coverage rate of 2,4 kg/m<sup>2</sup> (for two coats) on the whole surface with a rubber squeegee. Recoatable after 12 to 24 hours (See product data sheet).
- Evenly spread two coats of **COURTSOL CUSHION S2** at a coverage rate of 1,6 kg/m<sup>2</sup> (for 2 coats) on the whole surface with a rubber squeegee. Recoatable after 12 to 24 hours (See product data sheet).
- Evenly spread two tinted coats of **COURTSOL RESIBASE** at a coverage rate of 600 g/m<sup>2</sup> to 700 g/m<sup>2</sup> (each time) on the whole surface with a rubber squeegee. Recoatable after 12 hours (See product data sheet).
- Evenly spread one tinted coat of **COURTSOL RESITOP** at a coverage rate of 500 g/m<sup>2</sup> 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 m<sup>2</sup> sport floor).

**Tools:** airless spraygun with a 28/1000 inch nozzle, brush, roller, rubber squeegee.

**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% (int.) or 80% (ext.).
- 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 PRO



## 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)**

### 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 : **Cfl-s1** on substrate **classified A1fl or A2fl** (see LNE report K060572-DE/12).

**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 m<sup>2</sup> COURT

COURTSOL PRIMER ES 15 / 40 :	105 / 75 kg,	7/5 drums**
COURTSOL RESIBASE BP :	660 kg,	33 drums
COURTSOL CUSHION BASE :	2046 kg,	93 drums
COURTSOL S1 :	336 kg,	56 bags
COURTSOL S2 :	222 kg,	37 bags
COURTSOL RESIBASE :	800 kg,	40 drums
COURTSOL RESITOP :	340 kg,	17 drums
COURTSOL LINES :	8 kg,	2 pots

\* Average consumptions

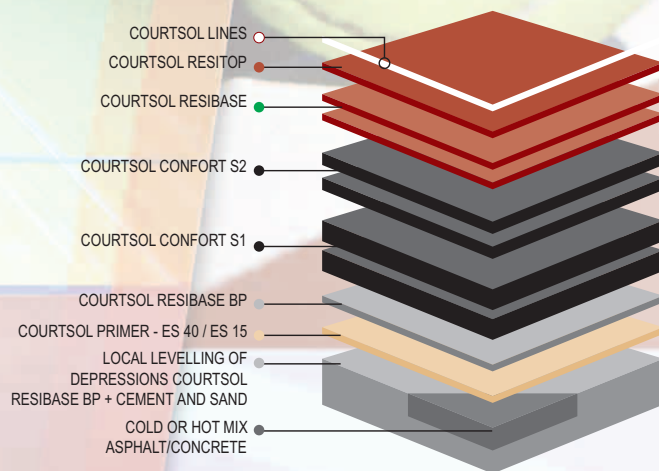
\*\* 15 kg drums

**Remark :** those quantities do not take into consideration a possible depressions leveling or cracks with **COURTSOL RESIBASE BP** or 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 PRO

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06270 VILLENEUVE-LOUBET  
FRANCE

EN 1504-2

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](http://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.