

Court-Pro

ACRYLIC SPORTS FLOORING SYSTEM





COURT-PRO

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Acrylic Floor Applications:

Acrylic floor system: This application is the largest flooring system used. It can be applied in the most economical and quick way. Acrylic Sports Flooring System can be applied for the usage of outdoor sports grounds of Municipalities – Schools – Play area, Walking or Cycling routes, Basketball fields, Tennis courts, and Multipurpose fields.

System Description:

Sand-filled emulsion system to fill the small gaps between the old floor and the new floor. Sand is injected into the acrylic resin to form a suitable surface texture. Depending on the type of application required.

PROPERTIES

COURT-PRO SURFACER

Semi-flexible acrylic resin basecoat and filling paste in water dispersion with selected fillers for the realisation of multi-sports playing surfaces and tennis courts

APPEARANCE	THICK LIQUID
DRY SOLIDS CONTENT (%):	APPROX. 80
DENSITY (G/CM ³):	APPROX. 1.55
VISCOSITY OF PRODUCT (MPA·S):	85,000 ± 5,000
DAMP ABRASION DIN 53778 (CYCLES):	> 10,000
FAILURE LOAD (DIN 53504) AFTER 7 DAYS AT +23°C	0.50
ELONGATION AT FAILURE (DIN 53504) AFTER 7 DAYS AT +23°C (%):	46
SCHANGE IN COLOUR AFTER 1,000 HOURS EXPOSURE TO A WEATHER-OMETER (ACCORDING TO ASTM G 155 CYCLE 1) WHITE COLOUR:	$\Delta E < 0.5$
VAPOUR DIFFUSION RESISTANCE COEFFICIENT (M) (EN ISO 7783/2):	400
RESISTANCE TO PASSAGE OF VAPOUR FOR A 0.5 MM THICK DRY LAYER SD (M) (EN ISO 7783/2):	0.2
CAPILLARY ACTION WATER ABSORPTION COEFFICIENT W24 [KG/(M ² ·H0.5)] (EN ISO 1062/3):	0.08
BOND STRENGTH TO CONCRETE (N/MM ²):	3.50
PREPARATION : CP WHITE BASE COAT IS APPLIED AS IS OR DILUTED WITH 5-15% OF WATER ACCORDING TO THE APPLICATION METHOD USED	
READY FOR PAINTING OVER:	12-24 HOURS UNDER NORMAL CONDITIONS OF TEMPERATURE AND HUMIDITY

COURT-PRO SPORTS TOPCOAT

Coloured acrylic resin-based coating product in water dispersion with selected fillers for indoor and outdoor, tennis courts and multi-purpose playing surfaces, certified by the ITF (International Tennis Federation)

APPEARANCE	THICK LIQUID
DRY SOLIDS CONTENT (%):	70
DENSITY (G/CM ³):	APPROX. 1.40
VISCOSITY OF PRODUCT (MPA·S):	19,000 ± 1,000
DAMP ABRASION DIN 53778 (CYCLES):	> 15,000
TABER ABRASION TEST AFTER 7 DAYS AT +23°C - 50% R.H. - H22 DISK, 500 REVS/1,000 G (LOSS IN WEIGHT):	2.8 G (6%)
TABER ABRASION TEST AFTER 7 DAYS AT +23°C - 50% R.H. - CS17 DISK, 1,000 REVS (LOSS IN WEIGHT):	< 0.1 G AFTER 1000 REVS (COURTPRO FINISH 1) < 0.2 G AFTER 500 REVS (COURTPRO FINISH 3) < 0.2 G AFTER 500 REVS (COURTPRO FINISH 4)
SHORE A HARDNESS:	60
TENSILE STRENGTH (DIN 53504) - AFTER 7 DAYS AT +23°C (N/MM ²):	0.7 (COURTPRO FINISH 1) 0.5 (COURTPRO FINISH 3) 0.5 (COURTPRO FINISH

COURT-PRO LINE MARKING PAINT

Acrylic resin-based paint in water dispersion for marking out indoor and outdoor sports courts and pitches

APPEARANCE	PASTY LIQUID
DRY SOLIDS CONTENT (%):	APPROX. 65
DENSITY (G/CM ³):	APPROX. 1.40
VISCOSITY OF PRODUCT (MPA·S):	22,000 ± 1,000
DAMP ABRASION DIN 53778 (CYCLES):	> 10,000
TABER ABRASION TEST AFTER 7 DAYS AT +23°C - 50% R.H. - CS17 DISK, WEIGHT 1000 G; LOSS IN WEIGHT AFTER 500 REVS. (G):	< 0.3
CHANGE IN COLOUR AFTER 1,000 HOURS EXPOSURE TO A WEATHER-OMETER (ACCORDING TO ASTM G 155 CYCLE 1) - WHITE: - YELLOW:	$\Delta E < 0.5$ $\Delta E < 1.0$
CAPILLARY ACTION WATER ABSORPTION COEFFICIENT W24 [KG/(M ² H0.5)] (UNI EN 1062/3):	0.07
PREPARATION : DILUTE COURT-PRO LINE WITH APPROXIMATELY 10-15% WATER. MIX THE PRODUCT WELL BEFORE USE. WHERE POSSIBLE, USE A DRILL AT LOW SPEED TO PRE	

COLOUR CHART

WHITE
CP 0



LIGHT GREY
CP 1



DARK GREY
CP 2



YELLOW
CP 3



SUNSHINE YELLOW
CP 4



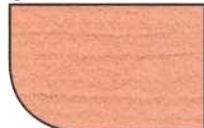
OCRA
CP 5



BROWN
CP 6



LIGHT PINK
CP 7



POWDER PINK
CP 8



ORANGE
CP 9



RED
CP 10



LILAC
CP 11



VIOLET
CP 12



TURQUOISE
CP 13



LIGHT BLUE
CP 14



SEA BLUE
CP 15



DARK BLUE
CP 16



SEA GREEN
CP 17



LIGHT GREEN
CP 18



APPLE GREEN
CP 19



DARK GREEN
CP 20



FOREST GREEN
CP 21



NIGHT BLUE
CP 22



LIGHT RED
CP 23



SWISS RED
CP 24



BLACK
CP 25



CANYON BROWN
CP 26



PINK
CP 27



MELBOURNE BLUE
CP 28



NEW YORK BLUE
CP 29



LONDON GREEN
CP 30



MIAMI PURPLE
CP 31



PARIS RED
CP 32



RIO GREEN
CP 33



ARENA YELLOW
CP 34



SYDNEY BLUE
CP 35

