

REC COAT CT 11000

ACRYLIC SEMI- FLEXIBLE WATERBORNE TEXTURED BASE COATING

DESCRIPTION

A **REC COAT CT 11000** is a semi- flexible, textured, waterborne acrylic base coat for both indoor and outdoor surfaces to prepare asphalt and pre-treated concrete surfaces before applying additional RECKON products.

REC COAT CT 11000 is combined with RECKON CT system products to form durable and comfortable playing surfaces.

PRIMARY APPLICATIONS

- Basecoat for indoor and outdoor sport surfaces to prepare asphalt and pre-treated concrete surfaces before applying additional RECKON CT products.
- Basecoat for outdoor urban areas.
- Basecoat over pre-treated existing acrylic or urethane surfaces before applying additional RECKON CT products.
- Basecoat over rough substrates to compensate for an uneven substrate prior applying additional RECKON CT products.
- To locally pre-coat depressions and crack/hole repairs for thicknesses not exceeding 3 mm to achieve better planarity prior to filler course application.

FEATURES/BENEFITS

REC COAT CT 11000 can be applied on rough substrates and, thanks to the specific filling and smoothing properties, it allows to obtain even surfaces in combination to an adjusted consumption of the next REC CT topcoatings. Thanks to the enhanced bond strength, **REC COAT CT 11000** may be applied on both coated existing surfaces and new surfaces which require for a brand-new installation.

RECOMMENDATIONS

- Prolonged exposure to sunlight should be avoided and limited to the application phase: **REC COAT CT 11000** shall be overcoated by additional Reckon CT coatings.
- Do not dilute **REC COAT CT 11000** with solvents.
- Substrate must be clean and free of dust, dirt, oil, grease, paint curing agents, concrete sealers, loosely bonded toppings, loose particles, old coating residues and any other substances or condition that may prevent or reduce adhesion.
- Concrete substrate shall be fully cured (at least 28 days and residual humidity lower than 3%), free from hydrostatic pressure, provide for a damp proof membrane and sound for the intended use.
- New asphalt shall be allowed to oxidize for a period of minimum 15 days depending on climatic conditions.
- When applying **REC COAT CT 11000** on top of existing coatings, preliminary tests shall be carried out in order to ensure an appropriate adhesion is achieved between the layers. When applying **REC COAT CT 11000** on concrete or cementitious substrates, priming with RECKON Primer is mandatory in case of residual humidity between 3 and 6% maximum.
- Do not apply when rain is imminent or the weather is particularly windy.
- Do not apply over damp or wet surfaces.
- The substrate temperature shall be between +10 and +50°C.
- Do not apply if the ambient temperature is lower than +10°C or higher than +35°C or the humidity is higher than 85%.

TECHNICAL INFORMATION

TECHNICAL DATA (typical values)	
DESCRIPTION	
Semi-flexible acrylic waterborne resin basecoat with selected fillers for multi-sports and tennis courts	
PRODUCT IDENTITY	
Consistency:	thick liquid
Dry solids content (%):	80 ± 5
Density (g/cm ³):	1.55 ± 5
Damp abrasion (DIN 53778) (cycles):	> 10,000
Failure load (DIN 53504) after 7 days at +23°C (N/mm ²):	> 0.50
Elongation at failure (DIN 53504) after 7 days at +23°C (%):	> 46
Change in colour after 1,000 hours exposure to a Weather- Ometer (according to ASTM G 155 cycle 1) white colour:	ΔE < 0.5
Vapour diffusion resistance coefficient (μ) (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
Abrasion Resistance	< 65mg loss/1000 cycles CS17 wheels
Slip Resistance	≥ 55 BPN
Tensile adhesion	> 520psi
Capillary action water absorption coefficient W24 [kg/(m ² ·h0.5)] (EN ISO 1062/3):	0.08
Bond strength to concrete (N/mm ²):	> 0.8
PREPARATION	
REC COAT CT 11000 is applied as it is or diluted with 5 to 15% (maximum) of water according to the application method used	
DRYING:	open air
Ready to overcoat:	12-24 hours at +23°C and 50% relative humidity. Low temperatures and high humidity will extend drying time

DIRECTIONS FOR USE

PREPARATION OF THE SUBSTRATE

Substrate must be clean and free of dust, dirt, oil, grease, paint curing agents, concrete sealers, loosely bonded toppings, loose particles, old coating residues and any other substances or condition that may prevent or reduce adhesion. The substrate strength must be adequate to the intended use and comply with Sport Associations and Federations guideline, if any. Any cracks present in the concrete substrate shall be repaired by an appropriate filling product such as the epoxy resin for injections. If any area needs to be both restored and levelled, proceed by using cementitious mortars such as REC grout or REC sef level screed range. Should joints be present, application of REC FLEX 425 is suggested, in combination with fresh sealant broadcast with silica sand 0.5.

In case of bituminous substrate, cracks shall be filled and repaired by using reactive products such as REC asphalt repair, or two component polyurethane. In presence of depressions up to 2 cm deep, a balanced mix of the above mentioned products and 15-20% on weight of silica sand Quartz 0.5 or Quartz 0.9 is suggested, paying attention to achieve complete coverage. Heavily damaged and worn out asphalt shall be removed and replaced by a fresh lay, eventually with the ready-to-use reactive product REC asphalt Repair 0/8 mm.

PRODUCT PREPARATION

REC COAT CT 11000 is applied as it is or diluted with water up to 15% (maximum) according to the application method used. The use of a low-speed mechanical mixer is recommended. The mixture should be stirred until it reaches a homogenous consistency, avoiding entrapping air. Periodical remixing during the application process is recommended in order to keep the mixture homogeneous.

APPLICATION OF THE PRODUCT

Apply **REC COAT CT 11000** with a metal or rubber trowel (50 or 70 durometer, such as Spatola 65 for **REC COAT CT 11000**). Application of 1-2 coats of **REC COAT CT 11000** is recommended. Wait 12-24 hours prior overcoating, at +23°C and 50% humidity.

COVERAGE

Actual jobsite coverage may vary according to substrate conditions and application technique used. In the presence of even substrate, average consumption referred to the first coat applied by trowel is as follows:

- wear bituminous course, approximately 1 kg/m²;
- smooth cementitious and non-absorbing surface, approximately 0.5 kg/m². Coverage shown is for estimating purposes only. Average consumption if a second coat is applied is approx. 0.500 kg/m²

CLEANING

Clean tools with water while the product is still fresh/wet. After drying, **REC COAT CT 11000** shall be mechanically removed.

PACKAGING

REC COAT CT 11000 is available in 20 kg pails, 210 kg drums and 1000 kg bulks supply.

STORAGE

REC COAT CT 11000 has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 30°C.

If these conditions are exceeded, Reckon Technical Department should be contacted for advice.

HEALTH & SAFETY

REC COAT CT 11000 is not classified as hazardous material. **REC COAT CT 11000** should not come into contact with skin and eyes.

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data Sheet.

WARRANTY: The Reckon Chemicals (Pvt.) Ltd. (Reckon) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Reckon, no other representations or statements made by Reckon or its representatives, in writing or orally, shall alter this warranty. Reckon MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Reckon product fails to conform with this warranty, Reckon will replace the product to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Reckon does not authorize anyone on its behalf to make any written or oral statements which in any way alter Reckon's installation information or instructions in its product literature or on its packaging labels. Any installation of Reckon products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Reckon's products for the Buyer's intended purposes.

RECKON CHEMICALS PRIVATE LIMITED
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE
Tell: +92-42-35452620, +92-42-35230419
Web: www.reckonchemicals.com
Email: Info@reckonchemicals.com

