DuroGrass Adhesive

DuroPur Turf , is a two component, solvent free, polyurethane based adhesive indoor and outdoor artificial turf applications.

APPLICATION AREAS

- Synthetic lawn carpets
- Rubber floor coverings,
- Sports fields (carpet floor)

PRODUCT INFORMATIONS

PACKAGING
• A + B - 10 + 2 kg

COLOR
• Green

SHELF LIFE

The shelf life is 12 months if the specified storage conditions are followed in its original unopened packaging.

STORAGE CONDITIONS

- Store in a dry and cool environment between +15°C / + 25°C]
- It should be protected from water, frost, heat, ignition, direct sunlight and adverse weather conditions
- The date of manufacture is on the label.
- Even opened packages are tightly closed, the inside of the product will be curing quickly so that the opened cans should be consumed in short time.

SURFACE PREPARATIONS

- Application surfaces should be dry and clean. Concrete and plaster residues are mechanically; Oil, grease, fuel wastes should be cleaned using chemical solvents.
- Damaged and cracks must be repaired with repair mortars.
- The new concrete' s maximum moisture content should be around 8%.

PROPERTIES (23 °C, 55 % RH)	UNIT	METHOD	SPECIFICATIONS
View A Component: TURF B Component: Hardener	-	-	Green, Ral Colours Dark brown
Mixing ratio A Component: TURF B Component: Hardener	-	-	
Density A Component: TURF B Component: Hardener	gr/cm3	ASTM D1475 / DIN 53217 / ISO 2811	1,70 ± 0,05 1,20 ± 0,05
Application time	-	-	
Hardness time	-	-	
Mechanic resistance	-	-	
Chemical resistance			
Serve temperature			+5°C/+30°C
Shore A hardness	%	ASTM D2240 DIN 53505 ISO 868B	

- Cement residues and shiny cement grout on the concrete surface should be cleaned by sandblasting, milling, wiping machine, driven grinding and the surface should be roughened, The entire surface must be cleaned of dust, The relative humidity of the air should be at most 85%, the application temperature (environment and surface) should be between + 5 ° C and + 35 ° C.
- It should not be exposed to rain, humidity and water 24 hours before application, during application and 24 hours after application.
- The Applied Material must be protected against external factors and mechanical strain until it is fully cured.
- The floor temperature should be 3°C above the condensation temperature of the moisture in the air at that time.

PREPERATION OF THE MATERIAL & APPLICATION

- The mixing time of the two components should be taken into account and prepared at the specified mixing rate until the amount to be consumed, In order to obtain a homogeneous mixture, the product temperature should not be less than 15 ° C.
- The A component should be stirred quickly with a mechanical mixer, adding the hardener (component B) to the mixing ratio, Components A and B should be mixed with a mechanical mixer for at least 3 minutes until homogenous.
- The packages should kept at room temperature for 24 hours are opened and mixed until homogenous consistency. Mixing should be done with low speed mixer and appropriate mixer tip.
- It is applied with a fine notched trowel or trowel
- The mixture, which is ready for application, is applied to the to be saturated and pores to be closed. New coat application time is at least 4 hours (23°C), up to 24 hours.
- The primer surface should be sanded before the application of new coats exceeding 24 hours, It is very important that the second coat is applied within the new coat application period mentioned above, It reaches a complete mechanical and chemical resistance in 7 days.