

DESCRIPTION

FLORAX 3001 PLUS is a water-based floor/wall sealer & surface hardener. Manufactured based on state of the art hybrid acrylic technology. It has exceptional adhesion, abrasion and weather resistance properties. The product is also highly breathable. For best penetration and consolidation of substrate, 1 or 2 coats of **FLORAX 3001 PLUS P** deep penetrating primer is recommended.

USES

FLORAX 3001 PLUS is formulated specially for adhesion on a variety of substrates including ceramic tiles, natural stone, terrazzo & polished concrete which are properly prepared. Its diamond hard, non-wearing property is similar if not better compared to solvent borne system while being capable of meeting the health, safety and environmental standards. Areas of application include carparks, warehouses, HUT rooms, laboratory, exhibition hall, hospitals, schools, sports complex and etc.

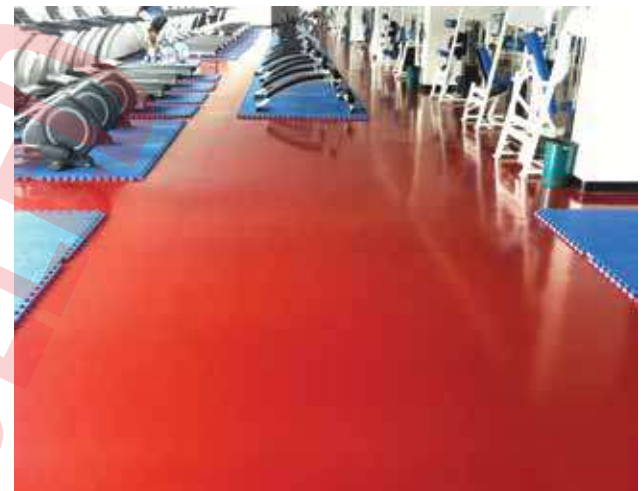
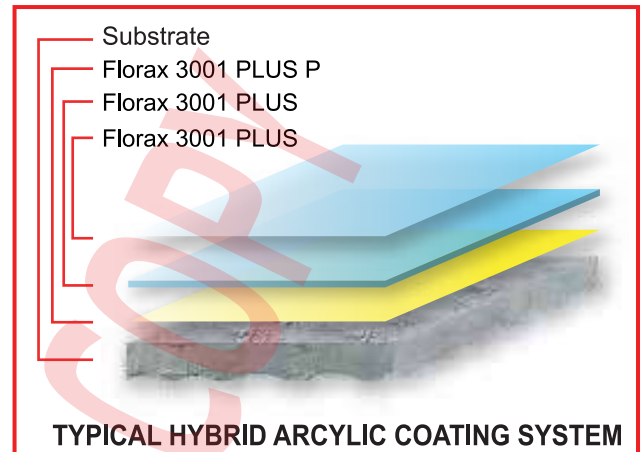
Due to its high chemical and abrasion resistance, it is highly recommended to use as an anti graffiti wall coating. It is also recommended to use as an anti carbonation coating for building structures.

BENEFITS

- Excellent adhesion.
- Good scuff resistance.
- Fast dry as it is a one component product.
- Excellent abrasion resistance.
- Water based - VOC compliant.
- UV and weather resistant : minimum yellowing.

COLOR

Available in standard flooring colors and in clear. Other colors can be matched upon request.



Technical Data :			
No. of Components			1
No. of Coats Recommended			3
Estimated Coverage	Florax 3001 Plus P -	6-8m ² /ltr/coat	
	Florax 3001 Plus -	5-7m ² /ltr/coat	
Curing Time	Tack-free time -	30min @ 30°C	
	Vehicle Traffic -	24 hours @ 30°C	
	Full Cure -	7 days @ 30°C	
Volumes Solids			±38%
Bond Strength			>2.5 N/mm ²
Abrasion Resistance			0.1g/1000g (CS10 wheel)
Water Vapour Transmission			<25 gm/m ² /24 hours
Temperature Resistance			<60°C
Packaging			5 / 20 ltr

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

The information given in this date sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test them before adapting them to their own use, it is strongly recommended to trial on small area before large scale application.



FLORAX 3001 PLUS

A HYBRID WATER-BASED ACRYLIC COATING

APPLICATION PROCEDURE

SUBSTRATE REQUIREMENT

Floor to receive **FLORAX 3001 PLUS** must be Grade 20 cement/sand screed or above. Adequate fall and drainage outlets is preferred avoid ponding of water. Should cracks & joints are present, it must be treated accordingly by normal concrete repair procedures.

SURFACE PREPARATION

Substrate should be structurally sound and free from loose particles, oil, grease and other contaminants. Remove any traces of cement laitance, loose particles, and other contaminants from surface by mechanical cleaning, preferably by light sanding and followed by vacuuming. If surface is absorbent, multiple coats of **FLORAX 3001 PLUS P** may be required to seal the concrete.

For super flat floor, perform the same surface preparation as above in order to achieve a glossy mirror finish.

MIXING

Stir thoroughly before use.

THINNING

Not more than 10% with Clean Portable Water.

TOOLS / MACHINERIES

It is imperative that adequate suitable mechanical tool/machinery are employed through out the application of **FLORAX 3001 PLUS** to achieve the desired result. Without such resources, it is almost impossible to apply **FLORAX 3001 PLUS** with effectual results. Consult **CEMKRETE** Technical Representative for required tools / machinery recommendation.

APPLICATION

PRIMER -

Apply **FLORAX 3001 PLUS P** with roller, brush or spray and spread uniformly at the rate of 6 - 8sq.m/ltr/coat depending on the floor absorption rate. 2 or 3 coats may be required. Allow minimum 4 hours drying time in between coats.

TOPCOAT -

Apply **FLORAX 3001 PLUS** with roller, brush or spray and spread uniformly at the rate of 5 - 7sq.m/ltr. A minimum of is highly 2 coats recommended. Allow minimum 4 hours drying three in between coats.

HEALTH & SAFETY

The fumes and vapour of **FLORAX 3001 PLUS** during application may be sensitive to different people. Always use with suitable protective gears and ensure there is adequate ventilation. Please read the relevant Health & Safety Data Sheet, available on request.

FURTHER INFORMATION

CEMKRETE SDN BHD is the leading manufacturer of Polymer Flooring System and we have many years of hands on experiences not limited to car park only. Our core business besides flooring, we are also known supplier of protective coatings, water proofing, concrete repair products, cementitious / Epoxy / PU grouts, fire proofing, tank lining and surface preparation equipment. For a complete technical solution, make **CEMKRETE** your partner today. Contact our **CEMKRETE** hotline now.

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