

## CIRCULAR NO 16

### SUBJECT –Timely Testing Plan of Floor Coatings can Prevent the Long Term Failure Of The System.

Dear Valued Customers,

Date:11/06/2021

Coatings are a complex combination of raw materials that must be mixed, applied to a prepared substrate, and dried and cured correctly to perform to their maximum capability. They must be able to be applied in diverse environmental conditions and then be expected to protect the substrate from the damaging effects of rain, sunlight, wind, heat, cold, humidity, and oxygen in various combinations and cycles and still retain their integrity and often their aesthetic qualities. Whether you are coating a pipeline or an oil tank; a ballast tank a flat roof or ceiling, floor slab or column; a filing cabinet or an appliance - there are many parameters that must be monitored or controlled to ensure the coating performs over the lifetime of the product. Following are the most common defects in a coating.

- Abrasion
- Adhesion Failure
- Aligating
- Bleeding
- Blistering
- Pinholes
- Bloom
- Bubbles or bubbling
- Catering
- Cracking

There could be defects because of mix proportion, application, substrate preparation and degassing of substrate as well which need to be understood quite plainly. Visual inspection, measurement of uniformity of coating layouts, adhesion test and spark test can assist to identify weak areas which can be rectified during the construction stage. Considering the importance of this potential issue a technical webinar has been organized on 28<sup>th</sup> of June 2021 @ 1030hrs . Please confirm your presence max by 26<sup>th</sup> of June 2021.

Thanking you,

Yours Sincerely,  
  
Sohail Zafar

Technical Director  
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- Testing of Tile Adhesive, Sealant, Mortar, Plaster, Coatings, Epoxies
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