

# The Advanced Material

## The Significant Differences...

### PRODUCT DATA SHEET

Rev. 2/01.07

## SURESEAL 2005 SF SOLVENT FREE EPOXY BINDER

#### 2. Broadcast Floor ( 3 to 4 mm)

- 1<sup>st</sup> Layer : 3.5 kg/m<sup>2</sup> ( A:B:C / 10:2:12 by weight ratio)  
Aggregates : 3.0 kg/m<sup>2</sup>  
2<sup>nd</sup> Layer : 0.6 kg/m<sup>2</sup>

##### Application

Stir Component A thoroughly and add Component B in the right mixing ratio. Add in Component C slowly with continuous stirring. Mixing shall be done with low speed power mixer until a homogeneous mixture is achieved. Pour the entire mixture on the surface and spread evenly with a notched trowel. Roll with spiked roller to release entrapped bubbles. Broadcast in excess with quartz aggregates. As soon as the surface can withstand foot traffic, remove excess aggregates and light grind surface with mechanical sander. Clean surface with heavy duty vacuum cleaner and seal the surface with **SURESEAL 2005 SF** binder using short hair roller.

#### 3. Self-smoothing Floor ( 2.0 mm )

- 1<sup>st</sup> Layer : 0.3 kg/m<sup>2</sup> ( SURESEAL PS38 Primer )  
2<sup>nd</sup> Layer : 3.2 kg/m<sup>2</sup> ( A:B:C / 10:2:12 by weight ratio)

##### Application

Primer - Stir Component A thoroughly and add Component B in the right mixing ratio. Mixing shall be done with low speed power mixer until a homogeneous mixture is achieved. Application shall be carried out using short hair roller. Allow to dry for 8 hours or until the surface can withstand foot traffic before applying the subsequent coat.

Topcoat - Stir Component A thoroughly and add Component B in the right mixing ratio. Add in Component C slowly with continuous stirring. Mixing shall be done with low speed power mixer until a homogeneous mixture is achieved. Remove bubbles by rolling with spike roller.

#### 4. Epoxy Mortar Screed ( 5.0 mm)

- 1<sup>st</sup> Layer : 0.3 kg/m<sup>2</sup> ( SURESEAL PS38 Primer )  
2<sup>nd</sup> Layer : 10 kg/m<sup>2</sup> ( A:B:C / 10:2:70 by weight ratio)

##### Application

Primer - Stir Component A thoroughly and add Component B in the right mixing ratio. Mixing shall be done with low speed power mixer until a homogeneous mixture is achieved. Application shall be carried out using short hair roller. The mortar screed materials shall be laid while the primer is still tacky.

Screed - Stir Component A thoroughly and add Component B in the right mixing ratio. Mix thoroughly with low speed mechanical mixer. Pour the entire content into a mortar mixer and mix in the component C aggregates slowly and continue to mix until a homogeneous mix is achieved. Pour the mixed materials into a screed box and spread evenly in parallel bands onto the tacky primer surface. The mixed materials can be compacted by hand using steel trowel or by using power float machine with Teflon coated blades.

**Cleaning** : All tools and equipment shall be clean with PLC Cleaner #2 immediately after using. Hardened epoxy resin can be removed by mechanical tools or using PLC Paint Stripper.

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