

# creom UK LTD

## CL SMOOTHLAY - LATEX

### SELF LEVELLING FLOOR SCREED

#### ■ DESCRIPTION

**CL SMOOTHLAY** is an easily applied self-levelling latex smoothing compound with excellent adhesion and hardness properties. **CL SMOOTHLAY** is a protein and ammonia-free compound which makes it ideal for most uses including sensitive areas such as hospitals, schools etc.

The key feature of **CL SMOOTHLAY** is its ability to be one of the hardest yet smoothest materials available in its field.

**CL SMOOTHLAY** requires only minimal preparation prior to the applications of any vinyl floor coverings. This saves both time and money for the contractor.

#### ■ USES

For levelling and smoothing of sound, uneven concrete floors. **CL SMOOTHLAY** may also be used on other substrate floors such as wood and steel. Please ensure thorough surface preparation and RH testing is carried out prior to the application of floor coverings. Call **01732 874954** with any technical enquiries.

#### ■ PREPARATION

Sub floors must be sound and free from dirt, plaster, grease, oil and any other contaminants that may prevent adhesion. Concrete bases and sand/cement screeds must be fully cured and any surface hardeners or curing membranes must be removed. Sub-floors with high RH levels resulting from residual construction moisture should be treated with Creom Moisture Suppressant prior to the application of **CL SMOOTHLAY**.

#### ■ MIXING

Gradually mix one 23 kg bag of **CL SMOOTHLAY** Powder into 5 litres of **CL SMOOTHLAY** Liquid. The liquid should be poured into a clean mixing container with the powder then gradually added. Mix using an electric mixing paddle at a slow speed. Slow mixing produces an air free and lump free mixture. Mix until an even consistency is achieved. If required an aggregate such as granite chips may be added to bulk out **CL SMOOTHLAY**.

#### ■ APPLICATION

Pour mixture onto the floor area and spread evenly over surface, using a steel screeding trowel.

**CL SMOOTHLAY** will settle across the floor, levelling out hollows in the sub floor. The mixture may be spiked using a spiked roller if required. Ensure temperatures are maintained above 5° C during laying and curing operations.

#### ■ DRYING TIMES

**CL SMOOTHLAY** laid at 3 mm thick will take foot traffic after 2 hours depending on site conditions. Installation of flooring materials should not be commenced until at least 12 hours after laying **CL SMOOTHLAY** depending on site conditions.

#### ■ COVERAGE

5 litres of **CL SMOOTHLAY** Liquid mixed with 23 kg of **CL SMOOTHLAY** Powder will cover approximately 6-7m<sup>2</sup> at 3mm thickness.

#### ■ EQUIPMENT

All tools and mixing containers should be washed and cleaned in water immediately after use before the material sets.

Continued – see sheet 2

**CREOM UK LIMITED**

Telephone: 01732 874954 Fax: 01732 871250 E-mail: info@creom.co.uk Website: www.creom.co.uk

# creom UK LTD

## CL SMOOTHLAY - LATEX

### SELF LEVELLING FLOOR SCREED

#### ■ SAFE HANDLING PRECAUTIONS

- **SKIN CONTACT:** **CL SMOOTHLAY** is normally non hazardous. The product contains cement, which is alkaline and may cause severe irritation if prolonged contact takes place. Wear protective gloves.
- **EYE CONTACT:** could be harmful. In the event of accidental contact, irrigate eyes immediately with clean, cold water for 15 minutes and obtain medical attention. Wear goggles when transferring powder to the mixer.
- **INHALATION:** Mix in a well-ventilated area and avoid inhalation of dust.
- **ORAL INGESTION:** With proper handling this should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.
- **SPILLAGE:** Spilt powder should be brushed up and mixed material should be mopped up immediately with an inert, absorbent material, such as sand, and disposed of in accordance with current regulations.
- **STORAGE:** **Powder:** - 6 months under good storage conditions in original, unopened bags. Ensure bags are transported and stored in a dry place.  
**Liquid:** - 12 months in dry unopened storage, between 5° C and 27° C.

#### ■ TECHNICAL INFORMATION

Compressive Strength = (Brinell)

- 1 day : 20.5 N/mm<sup>2</sup>
- 3 day : 43 N/mm<sup>2</sup>
- 28 day : 54 N/mm<sup>2</sup>

Compressive Strength BSEN12390 PT = 1,2,3,7, (2006)

- 1 day : 3.0 N/mm<sup>2</sup>
- 3 day : 8.5 N/mm<sup>2</sup>
- 28 day : 22.5 N/mm<sup>2</sup>

Tensile Strength BS6319: Part 7 : (1985)

- 1 day : 0.5 N/mm<sup>2</sup>
- 3 day : 1.9 N/mm<sup>2</sup>
- 28 day : 5.8 N/mm<sup>2</sup>

**CL SMOOTHLAY – PROTECT FROM DAMP, CONDENSATION & DEW.**