

# ALLKOTE

## INDUSTRIAL FLOOR SYSTEMS

### ALLKOTE 708 – SELF LEVELLING EPOXY FLOORING COMPOUND

#### PRODUCT DESCRIPTION

- \* Allkote 708 is a self smoothing two part, non solvented epoxy with high flow properties and excellent durability.
- \* It is available in a wide range of colours.

#### USES

- \* Protective, decorating resilient screed for floors, can be applied from 1.5mm to 6mm thickness.
- \* This seamless flooring compound can be used in production areas, warehouses, laboratories, pharmaceutical warehouses food and chemical plants.

#### PROPERTIES

- \* Resists many acids, alkalis, oils, greases, jet fuels and hydraulic fluid.
- \* Good impact and abrasion resistance
- \* Anti-skid finishes are available

#### TECHNICAL DATA

##### MECHANICAL PROPERTIES

Tensile Strength:	16-18N/MM <sup>2</sup>
Flexural Modulus:	38-45N/MM <sup>2</sup>
Compressive Strength:	80+N/MM <sup>2</sup>
Bond Strength direct Tensile:	4-5N/MM <sup>2</sup>
Abrasion Loss:	1.2% loss
Density:	1.30 approx
Coverage:	1.3kg/mm thick/m <sup>2</sup>

##### CHEMICAL RESISTANCE:

Typical data from solutions at 20 C for 90 days are given below.

<u>Solution</u>	<u>Result</u>	<u>Key</u>
Lactic acid 2%	G	
Caustic Soda 30%	E	E = Excellent
Sulphuric Acid 10%	G	VG = Very Good
Kerosene	E	G = Good
Toluene	D	P = Poor, heavy attack
Sewage 30%	E	D = Destroyed
Brine	E	
Hydraulic fluid	E	

**Allkote Epoxy systems applied by: Allie Contractors**

**CONTACT: MK ALLIE 083 628 2969**

**OR MS ALLIE 083 626 0814**

# **ALLKOTE**

## **INDUSTRIAL FLOOR SYSTEMS**

### CHEMICAL AND PHYSICAL PROPERTIES

COMPOSITION: A solvent free, pigmented epoxy/polyamine compound

No. OF COMPONENTS: 3

MIX RATIO: Base: Activator: Aggregate by volume 2: 1: 2

POT LIFE: 30 minutes

DRYING TIME: Tack free: 5-8 hrs. Practical cure: 24 hrs. Full cure: 1 week

APPLY BY: Notched trowel with spiked roller for de-aerating at 2m<sup>2</sup> / 5lt kit at 2.5mm Thickness.

SERVICE TEMPRATURE RANGE: Max 65°C - Min 0° C

THINNERS: Do not thin

CLEANERS: Allkote Epoxy Brush Cleaner

SHELF LIFE: One Year

### METHOD OF APPLICATION:

#### PREPARATION

In all cases, surfaces must be dry, sound, oil and grease free. Concrete should be at least 4 weeks old with a relative humidity of <75%. Remove all concrete surface laitance by blasting, vacuuming all dust before application. Mask expansion joints with tape or strip for later injection of sealant. Also mask doorways to provide a clean edge.

#### PRIMING:

Brush or roller apply ALLKOTE 710 primer to completely seal floor and leave until dry, after repairing any holes with epoxy putty

#### MIXING:

Mix base and activator thoroughly. Add half aggregate and mix well. Add remaining aggregate.

#### APPLICATION:

Pour mixture onto surface and rake out, using a notched trowel. Use a spiked roller to de-aerate the coating.