



Sikafloor[®] 262AS Thixo

Coloured, Textured, Antistatic Epoxy Resin Coating

Technical Data Sheet

DESCRIPTION

Sikafloor 262AS Thixo is a two component, coloured electrostatically conductive resin flooring system giving a textured or standard finish.

USES

- * Computer rooms.
- * Explosion risk areas.
- * Print shops and paint booths.
- * Manufacturing facilities.
- * Electronics assembly.
- * Aircraft hangars.
- * Laboratories.
- * Power plants.
- * Pharmaceutical production areas.
- * Vehicle assembly facilities.

ADVANTAGES

- * Electrically conductive/antistatic.
- * Good chemical and mechanical resistance.
- * Improved slip resistance over smooth surfaces.
- * Easy to clean.
- * Durable.
- * Easy to apply.
- * Excellent aesthetics.
- * Wide colour range.
- * Variable surface texture.
- * Seamless and joint free.

FLOOR COATING SYSTEM:

Primer coat:	1-2 x Sikafloor 156/157 (do not broadcast with sand)
Levelling layer:	1 x Sikafloor 156 scratch coat if required
Conductive layer:	1 x Sikafloor 220W Conductive
Top coat:	1 x Sikafloor 262AS Thixo
Material consumption:	Approx 0.75 kg/m ²

Technical Data (typical)

Colour:	Refer to colour chart and current price list for availability and minimum order quantities.		
Density (SG):	1.5 kg/litre		
Volume solids:	97%		
Application temperatures & humidity conditions:	+10°C min, +30°C max (Substrate and ambient) RH 80% max		
Substrate M.C. & RH:	≤4% by Wt or ≤75% RH		
Application thickness:	500 microns typical		
MECHANICAL PROPERTIES:			
Abrasion resistance: (Taber)	65 mg	DIN 53 109 8 days @ 23°C	
Shore D Hardness:	81		
Heat resistance:	Continuous exposure + 80°C Short time exposure + 120 °C		
CHEMICAL RESISTANCE:	Refer to chart (Consult Sika Ltd for additional information).		
Electrical resistance:	10 ⁴ - 10 ⁵ Ohms Variable with layer thickness		
Additional application information:	+10°C	+20°C	+30°C
Pot life:	40 mins	25 mins	15 mins
Waiting time between coats:			
Sikafloor 156	min	36 hrs	24 hrs
	max	6 days	4 days
Sikafloor 220W Conductive	min	24 hrs	15 hrs
	max	7 days	5 days
Final drying times:			
Foot traffic	3 days	2 days	1 day
Lightly serviceable	6 days	4 days	2 days
Fully serviceable	10 days	7 days	5 days

All above values are approximate.

SURFACE PREPARATION

The cementitious substrate should be sound and of sufficient compressive strength. (Min 25 N/ mm²) .
Minimum pull off strength 1.5 N/mm².

The surfaces must be dry and free of all contaminants eg oils, grease, surface treatments and coatings etc. The substrate must be prepared mechanically to achieve an open textured fine gripping surface, free of cement laitance. Weak concrete should be removed and surface defects such as blowholes and voids must be fully exposed.

All dust, loose and friable material must be completely removed from all surfaces before application of the coating preferably by brush and vacuum.

Repairs to cementitious substrate and filling of blowholes levelling of irregularities etc should be carried out using an appropriate product from the **SikaDur**[®], **Sikafloor**[®] or **SikaGard**[®] range of materials.

MIXING

Prior to mixing, stir component A (resin), add all of component B (Hardener) and mix both components thoroughly with a low speed electric stirrer (300-400 rpm) for a minimum of ... minutes until a uniform mix has been achieved. Leave material to stand in container until the majority of air bubbles have dispersed.

APPLICATION

Prior to application, confirm substrate moisture content and RH. If >4% by wt & >75% RH. **Sikafloor**[®] **EpoCem**[®] may be applied as a D.P.M. system

Apply **Sikafloor 262AS Thixo** onto the conductive primer (**Sikafloor 220W**) by roller, trowel or spray.

Back roller using a textured roller to achieve the desired peak trough amplitude. Ensure consistent direction of rolling to avoid roller marks.

IMPORTANT NOTES

- * Construction joints require pre treatment with a stripe coat. Contact **Sika Ltd** for further details.
- * Do not apply **Sikafloor 262AS Thixo** on substrates in which significant vapour pressure may occur.
- * Both **Sikafloor 262AS Thixo** and **Thinner C** are flammable. NO NAKED FLAMES.
- * Always ensure good ventilation when using **Sikafloor 262AS Thixo** in a confined space.
- * Quartz silica sand or conductive aggregate can be blended with **Sikafloor 262AS Thixo** to form a more slip resistance surface
- * Freshly applied **Sikafloor 262AS** should be protected from damp, condensation and water for at least 24 hours.
- * Do not blind underlying layers.
- * Thick layers will alter the resistance of the system.
- * Ensure all levelling is performed in a scratch coat base layer and not the top coat.
- * Carbon fibres within the product may affect exact colour matching.
- * Attain all earthing points prior to apply conductive layer of **Sikafloor 220W Conductive**.

CLEANING EQUIPMENT

Use **Thinner C**. Hardened material may have to be mechanically removed.

PACKAGING

Refer to latest price list

CONSUMPTION

Approximately 0.75 kg/m² (These figures do not allow for surface porosity, profile or wastage).
Maximum yield per pack - refer to latest price list.

STORAGE AND SHELF LIFE

Minimum 1 year in sealed containers stored in dry warehouse conditions (+5°C - +25°C).

Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

SIKA LIMITED

Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ

Tel: 01707 394444 Email: sika@uk.sika.com

Fax: 01707 329129 www.sika.com

