



Sikafloor® 354

Coloured Flexible Epoxy Seal Coat

Technical Data Sheet

DESCRIPTION

Sikafloor 354 is a two component solvent free, coloured, flexible epoxy based seal coat. It offers a tough, flexible surface with very good colour stability and resistance to weathering.

USES

- * As a seal coat on **Sikafloor 350 Elastic** Decking Systems.
- * Can also be used as a flexible self smoothing screed. Contact Sika Limited for additional information.

ADVANTAGES

- * High mechanical properties - tough and flexible.
- * High abrasion resistance.
- * Solvent free.
- * Flexible.
- * Low odour.
- * Very good colour stability.
- * Easy to apply.
- * Durable.
- * Easily maintained.
- * Indoor and outdoor use.

FLOOR COATING SYSTEM:

Top coat: **Sikafloor 350 Elastic** broadcast decking system

Seal coat: 1 x **Sikafloor 354** + 1-5% **Thinner C**.

Material consumption: Approx 0.6-0.9 kg/m² (depending upon surface profile)

Technical Data (typical)

Colour: Refer to colour swatch and current price list for availability and minimum order quantities.

Density (SG): Approx 1.6 kg/litre

Volume solids: Approx 100%

Application temperatures & humidity conditions: +10°C min, +30°C max (Substrate and ambient) RH 80% max

MECHANICAL PROPERTIES:

Tensile strength: 10 N/mm²

Abrasion resistance: 75 mg (Taber)

Shore D hardness: 60

Heat resistance: Continuous exposure +50°C
Short term exposure +100°C

CHEMICAL RESISTANCE:

(Consult Sika Ltd for additional information). Petrol, diesel, water, motor oil

Additional application information:

	+10°C	+20°C	+30°C
Pot life:	60 mins	30 mins	15 mins
Final drying times:			
Foot traffic:	2 days	1 day	16 hours
Light loading:	5 days	3 days	2 days
Fully serviceable:	10 days	7 days	3 days

All above values are approximate.

SURFACE PREPARATION

The **Sikafloor 350** top coat should be clean, dry and tack free and free from grease and oil.

MIXING

Prior to mixing, stir component A (resin), add all of component B (Hardener) and mix both components with a low speed electric stirrer (300-400 rpm) for approximately 1 minute then add 1-5% (by wt) of **Thinner C**. Mix thoroughly for a further 3 minutes until a uniform mix has been achieved. Leave material to stand in container until the majority of air bubbles have dispersed.

APPLICATION

Apply **Sikafloor 354** evenly onto tack free **Sikafloor 350** by brush or roller.

IMPORTANT CONSIDERATIONS

- * Do not apply **Sikafloor 354** on substrates in which significant vapour pressure may occur.
- * **Thinner C** is flammable. NO NAKED FLAMES.
- * Always ensure good ventilation when using **Sikafloor 354** in a confined space.
- * Freshly applied **Sikafloor 354** should be protected from damp, condensation and water for at least 24 hours.
- * Avoid puddles on surface.
- * **Sikafloor 354** should be thinned by up to 5% with **Thinner C**.

CLEANING EQUIPMENT

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

PACKAGING

Refer to latest price list

CONSUMPTION

Approximately 0.6 - 0.9 kg/m² (These figures do not allow for surface porosity, profile or wastage).

STORAGE AND SHELF LIFE

Minimum 6 months 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

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