

## PRODUCT DATA SHEET

# Sikafloor®-264 T AU

Textured High Build Durable 100% Solids Pigmented Non Blooming Epoxy Coating

### DESCRIPTION

Sikafloor®-264 T AU is a thixotropic, textured 2- component solvent free pigmented 100% solids high build epoxy coating for durable, decorative finishes. It can be applied to vertical surfaces in addition to providing durable floor surface.

### USES

Sikafloor®-264 T AU may only be used by experienced professionals.

Sikafloor®-264 T AU can be used in a variety of Industrial and commercial applications;

- Automotive workshops
- Food related premises
- Clean rooms- Laboratories
- Pharmaceutical
- Stadiums
- Correctional facilities
- Amenities / Washrooms
- General accessways/ Back of house

### CHARACTERISTICS / ADVANTAGES

- Tough / Durable
- Very good abrasion resistance
- Excellent resistance to whitening / blooming from early exposure to surface moisture
- Textured non-slip surface
- Can be applied on vertical and horizontal surfaces
- Easily cleaned and maintained
- Very good chemical resistance (Refer to Sika Chem. resistance data)

### PRODUCT INFORMATION

#### Packaging

Part A	6.55 kg
Part B	2.0 kg
Sikafloor Pigment 1.15 kg	1 x 1.15 kg
Part A+B+Pigment	<b>9.7 kg</b> ready to mix kits <b>(7.3 L)</b>
Part A	13.09 kg
Part B	4.0 kg
Sikafloor Pigment 1.15 kg	2 x 1.15 kg
Part A+B+Pigment	<b>19.39 kg</b> ready to mix kits <b>(14.6 L)</b>
Part A	15.39 kg
Part B	4.0 kg
*Pre-pigmented kits	<b>19.39 kg</b> ready to mix kits <b>(14.9 L)</b>

#### Shelf life

12 months

<b>Storage conditions</b>	Store away from direct sunlight and ideally between +5 to 35 Degrees C
<b>Appearance and colour</b>	Resin - part A <u>coloured, liquid</u>
	Hardener - part B <u>transparent, liquid</u>
	Extended colour range
	<p><b>Colours:</b>  Sikafloor®-264 T AU system is available in a range of standard RAL colours</p> <ul style="list-style-type: none"> <li>▪ Non standard colours can be supplied on request.</li> <li>▪ Refer to the Sikafloor epoxy colour chart for details</li> </ul> <p>*Pre-pigmented kits are available in 4 colours: RAL 7035 Light Grey, RAL 7040 Window Grey, RAL 7037 Dusty Grey &amp; N45 Koala Grey</p> <p>Note: Lighter colours may require more pigment than the standard dose of 1.15kg. Priming with an addition of white pigment to assist coverage for lighter colours is recommended. Refer to Sika Technical Dept. for more details</p>
<b>Density</b>	Part A - 1.41kg/litre Part B - 1.00kg/litre Pigment - 1.75kg/litre Resin mixed - 1.33kg/litre all density values at +23 degrees C
<b>Volatile organic compound (VOC) content</b>	Conforms to Aust.Standard test <b>ASTM D3960</b> . Greenstar Building Council of Australia - Green Star Office Design V2 IEQ-13 / Green Star Office Interiors V1.1 IEQ-11
<b>Shore D Hardness</b>	76 (7 days / +23 degrees C)
<b>Abrasion resistance</b>	70mg (CS10/1000/1000) (8 days / +23 Degrees C) DIN. 53 109 Taber Ab-rader test
<b>Gloss level</b>	Low sheen to Semi gloss (depending on temperature at application)
<b>Chemical resistance</b>	Sikafloor®-264 T AU has excellent resistance to a wide range of chemicals. Refer to Sika Technical for specific information on resistance to chemicals.

## SYSTEM INFORMATION

<b>Systems</b>	<b>ET-14 P1 rating</b>	<i>Prime</i>	1x Sikafloor 160/161 5-6m2 per Litre
		<i>Base coat</i>	1x Sikafloor 264 4-6 m2 per litre
		<i>Finish coat</i>	1x Sikafloor®-264 T AU 5-6m2 per litre.
	<b>ET-14 P3 Rating</b>	<i>Finish coat</i>	Incorporating 80 mesh white aluminium oxide 3-4% by vol.
	<b>ET-14 P4 Rating</b>	<i>Finish coat</i>	Incorporating 80 mesh white aluminium oxide 5-6% by vol.
			Tested to AS 4586-2013

## APPLICATION INFORMATION

<b>Layer thickness</b>	Approx. total system DFT 0.6- 0.7mm (Depending on substrate density and profile)
<b>Ambient air temperature</b>	+10 degreesC min. / +30 degreesC max.
<b>Relative air humidity</b>	80% r.h max.
<b>Dew point</b>	Beware of condensation The substrate and uncured floor must be at least 3 degrees C above dew point to reduce the risk of condensation or blooming of the surface finish.
<b>Substrate temperature</b>	+10 degrees min. / +30 degrees min.
<b>Substrate moisture content</b>	
<b>Pot Life</b>	Approx. values +10 degrees C approx 25 min. +20 degrees C 15 min. +30 degrees C 8 min
<b>Waiting time to overcoating</b>	Intercoat times between system layers
	Substrate Temperature                      Minimum                      Maximum

+10 degrees C	24 hours	4 days
+20 degrees C	12 hours	2 days
+30 degrees C	6 hours	1 day

#### Applied product ready for use

Temperature	Foot traffic	Light traffic	Full cure
+10 degrees C	72 hours	6 days	10 days
+20 degrees C	24 hours	4 days	7 days
+30 degrees C	18 hours	2 days	5 days

Note: These are approximates and will be affected by changing ambient conditions

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

Do not apply Sikafloor®-264 T AU on substrates with rising moisture.  
Apply Sikafloor®-264 T AU system on falling temperature. Some substrates will release trapped air in the substrate during cure producing domed, small blisters. Thinning of Sikafloor®-264 T AU is not recommended. Addition of thinner can reduce properties including chemical resistance, durability, colour consistency and non blooming capability.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## APPLICATION INSTRUCTIONS

**Levelling** : Rough surface profiles may need to be levelled first to ensure a high quality even finish. Sikafloor 160 combined with silica fillers. The grade and filler content can be altered to accommodate the depth of profile to be filled. Refer to Sikafloor 160 TDS for guidance.

**Mixing**: Add pigment pack to the part A and mix to blend in. Add the Part B and mix the full kit for a minimum of 2 minutes.

#### Application:

Apply product using a medium to long knap roller (15-20mm) with a central pole double frame arrangement. Apply evenly at the prescribed coverage rate then "lay off " in the opposite direction of rolling for optimum results. Final layoff technique - take the weight of the roller and lift the roller from the surface when completing to lay off stroke. Not adopting the technique and or not having sufficient manpower to execute this procedure will likely result in uneven appearance.

## SUBSTRATE QUALITY / PRE-TREATMENT

Concrete should be a minimum strength of 25mpa and the prepared surface should reach a value of 1.5mpa when tested for pull off strength.

Surface profiles that are considered to be too great to produce an even finish with the Sikafloor®-264 T AU system should be re profiled using Sikafloor 160 incorporating silica fillers. The size and amount of filler to be used will be dictated by the depth of profile to be filled. (Refer to Sikafloor 160 TDS)

Substrate moisture content above 4% and < 6% surface reading - prime with Sikafloor 161.

Moisture > 6% apply Sikafloor 81Epo cem barrier.

## MIXING

Sikafloor®-264 T AU must be thoroughly mixed using a low speed stirrer (300 - 400 rpm)

## APPLICATION

Placing the kits at an even rate of pot life and joining up wet edges progressively within even time frames is critical for optimum results. If this is not adhered to then differing colour shades will result when the product has reached touch dry stage.

## CLEANING OF EQUIPMENT

Clean all tools immediately after use Thinner C. Hardened and/or cured material can only be removed mechanically.

## MAINTENANCE

### CLEANING

Sikafloor®-264 T AU should be kept as clean as possible to maximise durability and reduce abrasion. Good housekeeping practices should be followed when Chemical spills occur. Clean with neutral based, non solvent based cleaning chemicals. - Refer to Sikafloor Cleaning Guidelines document for more details.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommenda-

tions 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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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**Product Data Sheet**

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