

Bonding Application at “Kulit Batu” Substrate Using SikaBond®T-55

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Method Statement

Joint Sealing for
conwood
04/2015

TSMS 02090415

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1 INTRODUCTION



This method statement outlines general requirements for installing “Kulit Batu” substrate using SikaBond® T-55 Flooring adhesives. Following this guideline will help to ensure good sealant performance. In order to receive a Sika® warranty, this guideline has to be followed, project information form and field quality assurance sheet have to be completed. Since SikaBond® T-55 are applied in many different environments and situations, these statements are not intended to be a complete and comprehensive quality assurance program. Field adhesion tests are required to ensure good adhesive performance and to verify any adhesive recommendation.

2 SURFACE PREPERATION

This chapter provides information on cleaning procedures for “Kulit Batu” that is non-porous substrates and also concrete wall as the porous substrate. The key to good sealant adhesion is a clean surface! You should always check with the supplier of the substrate to ensure that the cleaning procedures and products are compatible with the substrate

2.1 SURFACE PREPARATION OF POROUS SUBSTRATES

Many building materials such as “concrete wall” materials that absorb liquids are considered porous substrates. Dusting alone may be sufficient cleaning for new porous substrates. Depending on the condition of the surface, porous substrates may require abrasion steps in addition.

		Step
		<p>Remove all loose or friable particles.</p> <p>Laitance and surface dirt must be completely removed. Concrete form-release agents, water repellents and other types of surface treatments all affect sealant adhesion. Removal of these treatments or coatings by abrasion cleaning may be required to obtain acceptable adhesion.</p> <p>Typical tools are steel brush and angular grinder.</p>
		<p>Remove dust using a brush or water- and oil-free compressed air.</p>

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3 ADHESIVE APPLICATION

It is important that the adhesive covers the entire and firmly contacts all bonded surfaces. If surface is improperly covered, good adhesion will not be achieved, and the adhesion performance will be weakened.

	Step
	<p>For the 2 kg package of SikaBond T-55, the application does not need nozzle. The applicator just have to cut the end part of the package and put some adhesive on desired area.</p>
	<p>Flatten/ distribute evenly by using notch spreader (notch depth approx. 4 mm) adhesive until the adhesive covers entire desired area.</p>
	<p>Make sure the adhesive covers whole desired area with the same thickness.</p>
	<p>Bond the substrate into adhesive covered wall area and press it thoroughly</p>

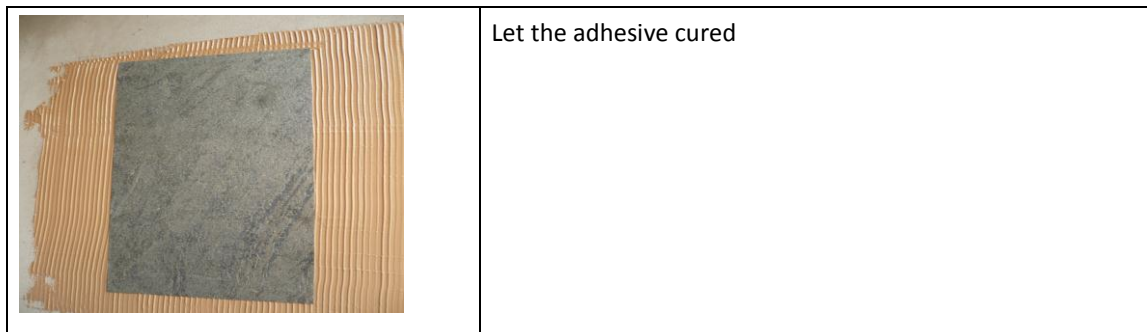
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Application temperature

Apply SikaBond® T-55 at temperature between 15⁰-35⁰ Celcius degree.

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