

Vuba-Joint Flexifill



Product Shot



Pourable Jointing

Product Description

Expansion Joint Filler

Introduction

Vuba-Joint Flexifill is an abrasion and chemical resistant two part polyurethane expansion joint filler. Flexifill is an extremely popular option which is unique to Vuba Supplies Ltd. Once cured, Flexifill expansion joint filler demonstrates extremely high mechanical strength, excellent adhesion, chemical resistance and elongation resistance.

Composition

Two part solvent free elastomeric, polyurethane jointing compound.

Size

5kg Unit

Components

Each unit of Flexifill comprises of one part Resin and one part Activator. Both components are pre-weighed and ready to mix.

Coverage Guide

You can typically achieve up to 24 linear metres @ 20mm x 10mm with a 5kg unit. Please contact us if you require further advice.

Appearance

Flexifill cures to provide a smooth textured black surface finish.

Availability

We aim to dispatch all standard orders received before 12pm for next day delivery. Custom colours and non-stock items may take up to 3-5 days.

Typical Installations

Flexifill is widely used to repair or fill lightly damaged joints. This expansion joint filler is a relatively thick compound that is ideal for use on wide joints that do not require 'runny' liquid for ease of application. Typical installation environments include industrial factories, warehouses and exterior drives or car parks. For alternative application guidance please contact us. See 'How to repair expansion joints' for a clearer idea of whether you are choosing the right product for the job.

Durability

Flexifill expansion joint filler is highly resistant to abrasion, chemical attack, dynamic stress and heavy duty traffic.

Thickness

We recommend avoiding very thick applications with Vuba-Joint Flexifill. The air produced as a result of the exothermic curing reaction may cause slight expansion which is avoided with thinner layer application i.e. under 50mm. Please consult our technical department if in doubt.

Substrates

This product is primarily designed to fill concrete expansion joints but is also capable of bonding onto tarmac/asphalt. For alternative substrate types, please contact us for guidance.

Preparation

To ensure maximum adhesion and performance from Vuba products the correct preparation methods must be adhered to. Ensure that the surface is structurally sound, clean, dry and free from contamination of any kind. This will directly affect the bonding performance of the applied jointing material. For a neat finish to your expansion joint, we recommend applying duct tape to either side of the joint in case of inaccuracies and spillages.

Important: Badly damaged joints should be infilled with a suitable repair mortar and cut through once cured to create a neat and stable joint edge.

Tip: You may choose to fill most of your empty joint with sand and foam backer rod (available from Vuba). So long as this is firmly in place with no risk of slumping, you can simply apply Flexifill as a top layer which will prove cost effective for large and deep joint installations. This is recommended regardless for joints over 12mm wide to achieve increased stability.

Priming

Flexifill is generally self priming.

Ambient Temperature

Apply in well-ventilated areas and maintain application and subsequent cure temperatures between 0 and 25°C.

Mixing

Add the full contents of Activator B to the Resin A container and mix with a slow speed stirrer for at least two minutes.

Important: Both liquids are pre-weighed and designed to be mixed together in their entirety. It is essential that the full amounts are mixed together and until homogenous to ensure the product cures correctly and to the desired finish.

Tip: Try to avoid leaving the jointing compound sat in the tub for extended periods once mixed, as the pot life may be reduced and usability could be compromised quicker than expected. You should aim to pour out and apply well before the end of the product pot life.

Application Technique

Pour the mixed material into the expansion joint either directly from the container, or use a Vuba pouring beaker for increased accuracy. We recommend overfilling very slightly and following immediately after with a scraper to level off the finished joint.

Note: It may be necessary to top up the level of the joint as time will be required for the material to flow into and fill an irregular joint. This should be visible within moments of application and should be acted upon immediately within the 25 minute pot life of the product.

Important: Ensure you carefully remove any pre-applied duct tape immediately after application - do not wait until the expansion joint filler has cured.

continued...

Vuba-Joint Flexifill



Colours



Charcoal Black

Note: The colours represented here act as a guide only. If the colour or final aesthetics are of prime concern, please contact us and request an actual sample of the required colour and product. Colour matching to RAL or BS can be offered on request from the Technical Department. We reserve the right to adjust or discontinue any colour in any range.



Neat Joint Repair

Tool Cleaning

Vubasolve xylene solvent should be used to clean any reusable tools. Splashes or spillages can also be removed with the help of Vubasolve and wiping with rags.

Cure Schedule (@ 20°C)

Pot life:	25 mins
Light Traffic:	8 hrs
Heavy Traffic:	24 hrs

Note: Curing times will be increased at lower temperatures and reduced at higher temperatures.

Maintenance

Flexifill joints can be easily cleaned using Vuba-Supaclean heavy duty alkaline cleaner. For a longer lasting jointing finish, general good housekeeping is always worthwhile. You ought to clean regularly and ensure any spillages are immediately addressed.

Technical Data

Elongation at Break:	300%
Tensile Strength (ASTM D412):	4.5 MPA
Pull-Off Adhesion:	2.5N/mm ²
Graves Tear (ASTM D624):	18KN/m
Shore D Hardness:	30
Density:	1.2kg/litre

Health and Safety

Normal precautions should be taken as with any resin product, including the use of barrier cream, protective gloves to cover hands and forearms and a skin cleansing cream once the working period is over. Please read the relevant Material Safety Data Sheets provided in compliance with the requirements of the EC Directive 1/155.