

# Vuba-Joint Flexicrete



## Product



## Application

### Product Description

Vuba-Joint Flexicrete is a pourable two part polyurethane modified epoxy jointing compound designed specifically to provide excellent chemical resistance and durability together with a high degree of Flexibility. Vuba-Joint Flexicrete has been specifically designed for joints in polyurethane resin screeds used in the Food and Drink Industry.

### Composition

Vuba-Joint Flexicrete is a two part polyurethane modified epoxy resin.

### Durability

Vuba-Joint Flexicrete exhibits the highest order of abrasion resistance and will withstand heavy trucking.

### Mixing

Mix the full contents of Activator (also named Hardener) B and Resin A in the large tub using a slow speed stirrer for at least two minutes. Mixing of part units is not recommended due to the possibility of proportioning errors.

### Joint Preparation

When necessary, a firm backing should be used in joints over 12mm wide. You can use our Vuba-Joint Backer Rod joint filler or expandable foam. The joint must be dry, sound

and free from laitance, old mastic, bituminous joint filler residues, dust or any loose matter. All residual dust from joint cutting should be completely removed.

### Application Technique

Set up a mixing area close to the joints that are to be treated. Immediately after mixing pour the Vuba-Joint Flexicrete into a beaker and began application. To improve neatness you may wish to apply duct tape to the edges of the joint (ensure to remove prior to Flexicrete curing). Clean any excesses using solvent wipes or Vubasolve.

### Working Life

Vuba-Joint Flexicrete has a useable life of 25mins. Please ensure that all areas to be repaired are ready to accept the polyurethane jointing liquid before mixing commences.

### Technical Data

|                              |                      |
|------------------------------|----------------------|
| Elongation at Break          | 90%                  |
| Tensile Strength (ASTM D412) | 23N/cm <sup>2</sup>  |
| Tear Strength                | 840N/m               |
| Pull-Off Adhesion            | 2.5N/mm <sup>2</sup> |
| Graves Tear (ASTM D624)      | 18KN/m               |
| Shore D Hardness             | 40-50                |
| Density                      | 1.2kg/litre          |

### Installation Conditions

Apply in well-ventilated areas and maintain application and subsequent cure temperatures between 5°C and 25°C.

### Cure Schedule (Assumed 20°C)

Vuba-Joint Flexicrete cures to a hard surface in 8 hours @ 20°C and ready for heavy duty traffic after 24 hours. Curing times will be increased at lower temperatures and reduced at higher temperatures.

### 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 Vuba-Joint Flexicrete Resin A and Vuba-Joint Flexicrete Activator B Material Safety Data Sheets provided in compliance with the requirements of the EC Directive 91/155.