

Flexible Joint system



Description

Contar Flexible Joint system is an MMA resin expansion joint filler that is used as part of a Contar flooring system to support movement in joints between edges, day joints or between differing substrates. In conjunction with using the correct Contar substrate primer which ensures a strong chemical and mechanical bond, Contar Flexible Joint has been designed to allow for movement without cracking or separating. It can be pigmented to match existing floor colours (contact Contar Resins Ltd for details of available colours) and can be installed at temperatures from 0°C to +30°C*

*For sub-zero applications use Contar Flexible Joint Sub-Zero system

System Features & Benefits

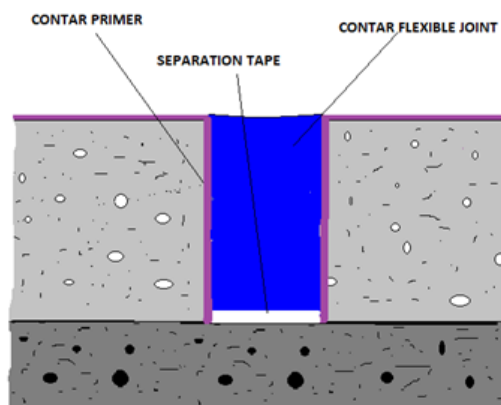
- **System cures to full specification in 2 hours**
minimising disruption enabling rapid refurbishment
- **Creates an impervious surface**
waterproof
- **Monolithic bond with exceptional flexibility**
Longevity and ability to allow movement without cracking
- **Highly resistant to UV light, weathering**
durable and 'fit for purpose'
- **Tailored finish**
Colour pigmented to complement existing floors
- **Installation temperature range 0°C to +30°C***

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Installation Services

The installation should only be carried out by a Contar approved contractor with the documented quality assurance scheme. Contact Contar Resins Ltd for details.

System Design



Substrate Requirement

Substrate must be dry, free from laitance, dust and other contaminations. Joint depth must follow the recognised formula. $(\text{joint width}/3) + 6 \text{ mm}$. E.G if width is 18mm / 3 (= 6) + 6mm = it requires a depth of 12mm. Always use the correct Contar substrate primer prior to applying the Contar Flexible Joint system. Contact Contar Resins Ltd for details and technical advice.

Model Specification

Product: Contar Flexible Joint

Finish: Smooth

Width/Depth: Joint depth = $(\text{joint width}/3) + 6 \text{ mm}$

Colour: Standard colour range

Manufacturer: Contar Resins Ltd

(Preparatory work and application in accordance with the manufacturer's instructions)

System Overview

Contar Primer

Contar Flexible Joint Resin

Contar Flexible Joint Powder

Technical Information

Viscosity DIN52314	620-680 mPA*s
Density @ +20°C	1.85kg/cm ³
Elongation @ maximum strength	284%
Elongation @ fracture	286% @ +20°C 102% @ -10°C
Modulus of Elasticity	54N/mm ² @ +20°C 42N/mm ² @ -10°C

Speed of cure

Pot Life 10-12 mins*

**Pot life & curing times will be dependent on substrate and air temperature.*

Pedestrian traffic-1 hour

Finish curing to full specification-2 hour

Materials can be stored unopened for up to 6 months in dry, cool conditions.

***Caution**-Contar materials have a characteristic odour during application which is nontoxic and non-injurious to health. Ensure all open food is covered and adequate ventilation is available. See material safety data sheet for full information or contact Contar technical dept.*

Aftercare and Maintenance

The most efficient way of cleaning Contar systems would be to use a rotary scrubber dryer, with the facility to rinse and vacuum. To arrange a free demonstration please call our Technical Services Team.

Mixing & Application

Refer to Contar Resins Ltd installation guide

Contar Standard Colours

			
Jet Black 9011	White 9010	Sky Blue 5015	Traffic Green 6024
			
Traffic Yellow 1023	Sand Yellow 1002	Silver Grey 7001	Blue Grey 7031
			
Tomato Red 3013	Oxide Red 3009		

Note:

Contar Resins Ltd endeavors to ensure that all information and advice given is accurate and correct. However, the company cannot take responsibility for the selection of products for specific applications. Therefore, any prospective customers should satisfy themselves that the product is suitable for the environment in which it will be installed. Accordingly, Contar cannot take responsibility for the selection of a product unsuitable for the application. The information detailed in this communication is liable to change without prior notification. All resin floors are hand applied resulting in a surface texture that can vary.