

FIRESAFE INDUSTRY HD SYSTEM

Contar Firesafe Industry HD is a heavy duty, MMA resin based concrete repair and surfacing material that complies with the London Underground section 12 fire regulations and BS476 part 7. Contar Firesafe Industry HD is an ideal material for patching damaged concrete surfaces with selected aggregates and with proper preparation, is capable of filling large cracks and depressions in severely damaged concrete. Contar Firesafe Industry HD can be applied internally & externally to any thickness required from a minimum of 12.5mm up to 300mm. Contar Firesafe Industry HD may be used to create ramps & falls and levelling compound prior to the application of other Contar flooring systems. Contar Firesafe Industry HD can be laid as a surface screeding material over concrete surfaces to improve load bearing characteristics of most floors. The material is also ideal for use in areas where high resistance to chemicals is required. Contar Firesafe Industry HD may be used as a large crack filler material within concrete floors damaged by heavy plant or vehicular traffic. Contar Firesafe Industry HD is widely used in commercial & industrial warehousing, highways and by above and below ground rail services.

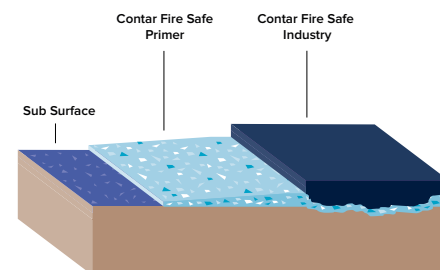
SYSTEM FEATURES & BENEFITS

- ◆ **Ultra-fast cure time – as little as 40 minutes** Minimising disruption enabling rapid refurbishment
- ◆ **Easy DIY application possible**
Cost effective
- ◆ **Exceptional strength (75kN/mm²) & durability** Longevity
- ◆ **Designed for heavy load bearing requirements** Ultra-high strength
- ◆ **Excellent resistance to chemicals & dusting** Durable and 'fit for purpose'
- ◆ **Installation temperature range 0°C to +30°C** Curing times are unaffected at temperatures down to 0°C

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 clean, dry & free from laitance, dust and other contaminations. Substrate should be capable of accepting a resin finish and this is best achieved by mechanical means. Always use the correct Contar substrate primer ensuring any edges are primed prior to installing the Contar Firesafe Industry system. Contact Contar Resins Ltd for details and technical advice.

MODEL SPECIFICATION

Product:	Contar Firesafe Industry HD
Overall thickness:	12.5mm min upwards
Colour:	Silver Grey (RAL 7001)
Manufacturer:	Contar Resins Ltd
(Preparatory work and application in accordance with the manufacturer's instructions)	

SYSTEM OVERVIEW

Contar Primer
Contar Industry Resin
Contar Firesafe Industry HD Powder
Bulking Aggregates

CHEMICAL RESISTANCE

Excellent resistance to acids, oils, alkaline, salts, cleaning agents and foodstuffs.

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Monometer House, Rectory Grove,
Leigh On Sea, Essex, SS9 2HL

VAT No: 213 5000 73
CRN No: 0956 3006

Technical Information

Flexural Strength	24kN/mm ²
Compressive Strength	75kN/mm ²
Flexural tensile strength	27.5kN/mm ²
Tensile Strength	7.8kN/mm ²
Beginning deformation under pressure	26kN/mm ²
Break elongation	0.56%
Elongation between 0°C & +50°C	-3.3 x 10 ⁻⁵ per °C

Speed of cure

Pot Life 10-15 mins*

Pedestrian traffic-40 minutes**

Finish curing to full specification-2 hour**

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

***depending on thickness*

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.

Mixing & Application

Refer to Contar Resins Ltd installation guide.

Bulking out

It is possible to add aggregates of varying sizes to bulk out Contar Industry to make it even more cost effective. Please contact Contar Resins Ltd for details and technical advice.

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.

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