

## INDUSTRY HD SYSTEM

Contar Industry HD is an ideal material for patching damaged concrete surfaces and when combined with selected aggregates and proper preparation, is capable of filling large cracks and depressions in severely damaged concrete. Contar Industry HD can be applied internally & externally to any thickness required from a minimum of 12.5mm up to 150mm. Contar Industry HD may be used to create ramps & falls and levelling compound prior to the application of other Contar flooring systems. Contar Industry HD can be laid as a surface screeding material over concrete surfaces to improve load bearing characteristics of the floor. The material is also ideal for use in areas where high resistance to chemicals is required. Contar Industry HD may be used as a crack filler material within concrete floors damaged by heavy plant or vehicular traffic. Contar Industry HD is widely used in commercial & industrial warehousing, highway and petroleum industries.

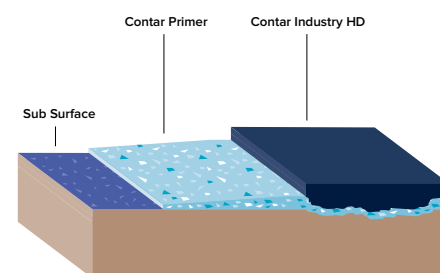
### SYSTEM FEATURES & BENEFITS

- ◆ **Ultra-fast cure time – as little as 40 minutes** Minimising disruption enabling rapid refurbishment
- ◆ **Easy DIY application possible** Cost effective
- ◆ **Exceptional strength (75kN/mm<sup>2</sup>) & 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 below 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 is best achieved by mechanical means. Always use the correct Contar substrate primer ensuring any edges are primed prior to installing the Contar Industry system. Contact Contar Resins Ltd for details and technical advice.

### MODEL SPECIFICATION

**Product:** Contar 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 Industry Powder  
 Bulking Aggregates

### CHEMICAL RESISTANCE

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

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 Leigh On Sea, Essex, SS9 2HL

VAT No: 213 5000 73  
 CRN No: 0956 3006

### Technical Information

|                                      |                                |
|--------------------------------------|--------------------------------|
| Flexural Strength                    | 24kN/mm <sup>2</sup>           |
| Compressive Strength                 | 75kN/mm <sup>2</sup>           |
| Flexural tensile strength            | 27.5kN/mm <sup>2</sup>         |
| Tensile Strength                     | 7.8kN/mm <sup>2</sup>          |
| Beginning deformation under pressure | 26kN/mm <sup>2</sup>           |
| Break elongation                     | 0.56%                          |
| Elongation between 0°C & +30°C       | -3.3 x 10 <sup>-5</sup> 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*

*Both components must be cooled to room temperature when using at ambient temperatures of less than 5°C before being mixed & applied.*

*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.

### 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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