

**TECHNICAL DATA SHEET****BS773****CORROTAN HS PUR GOFRATO MONOLAYER****DESCRIPTION**

<b>Product Description</b>	Two component, semi-gloss, monolayer/topcoat based on acrylic-polyisocyanate resins which contains zinc phosphate as anticorrosive pigment. When applied at appropriate methods, it forms a structured (gofrato) effect surface. BS773 series can be applied directly on metal without primer. Excellent color and gloss retention, flexibility and mechanical durability are the main characteristics of BS773 series.
<b>Intended Use</b>	<ul style="list-style-type: none"><li>• Can be used on structural steel as gofrato effect, semi-gloss monolayer/topcoat with good surface quality.</li></ul>
<b>Characteristic Properties</b>	<ul style="list-style-type: none"><li>• Resistant to scratching and abrasion</li><li>• Excellent color and gloss retention</li></ul>

**PRODUCT PROPERTIES**

<b>Color</b>	Every shade upon request
<b>Gloss Level</b>	Semi Matt (50-70 Gloss @60°)
<b>Mixing Ratio</b>	Material is supplied in two containers as a unit. Base (Comp A) = BS773 : 5.2 by weight (4.3 by volume) Hardener (Comp B) = BB773Z002 : 1 by weight (1 by volume) Thinner = TB1250 : 5-30 by weight (according to application method)
<b>Solids (by volume)</b>	%58±2 (base+hardener mixture)
<b>Suggested Thickness</b>	60±5 microns dry film (Dry film thickness greater than recommended should be avoided.)
<b>Theoretical Coverage</b>	Approximately 9.6 m <sup>2</sup> /L (60 microns dry film*) Approximately 8 m <sup>2</sup> /kg (60microns dry film*)  The practical coverage depends on the factors, such as shape of the construction, roughness of the substrate, method and conditions of application. A guideline for spraying is:  Large areas: Approx. 70% of the theoretical coverage. Small areas: Approx. 50% of the theoretical coverage.
<b>Application Method</b>	Airless spray, special effect spray gun
<b>Pot Life, 20°C</b>	4 hours after the mixture is prepared.

**STORAGE AND SAFETY INFORMATION**

<b>Storage</b>	Store in a well ventilated and dry conditions at temperatures between 5- 40°C. The packaging should not be exposed to direct sunlight. The shelf lives of the product (base) are at least 12 months in unbroken original package, under mentioned storage conditions.
<b>Warnings</b>	See label for precautions. The user of this product is required to comply with the national statutory regulations for health, safety during transportation and at work and waste disposal. See the MSDS for detailed information.

Page:1/2

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**APPLICATION INFORMATION****Surface Preparation**

Visible deposits of oil, grease, or other contaminants should be removed as per SSPC-SP 1. Abrasive blast cleaning to the requirements of EN ISO 8501-1: 2007 Sa2 as minimum for mild steel, surface preparation according to EN ISO 12944-4 for galvanized steel are recommended. BS773 series can be applied on slightly abraded steel surfaces or on epoxy primed surfaces.

**Application Conditions**

Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3°C above the dew point. Adequate ventilation shall be provided in confined spaces to ensure proper drying.

Ideal application temperature is 5°C- 40°C at 65% RH.

**Product Preparation**

Material is supplied in two containers as a unit.  
Base (Comp. A) = BS773  
Hardener (Comp. B) = BB773Z002

Stir Base part with power agitator well before mixing. Then mix in a right proportion Base (Comp. A) with Hardener (Comp B), stir thoroughly with power agitator.

5.2 parts of Comp. A (BS773) to 1 part Comp. B (BB773Z002) (by weight)  
4.3 parts of Comp. A (BS773) to 1 part Comp. B (BB773Z002) (by volume)

**Drying Time, %65 RH**  
(for 60 microns DFT)

Surface Temperature	10°C	20°C	30°C
Hard Dry	30 hours	24 hours	16 hours

**Packaging**

	Weight (kg)
Base (Comp A) =	20.8
Hardener (Comp B)	4

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The effectiveness of our systems is based on many years' practical experience and laboratory research. We guarantee that the quality of the work performed in accordance with our systems meets the Kansai Altan standards, provided that our instructions are followed carefully and the work is performed in accordance with the requirements as to good craftsmanship. We decline any responsibility, if the final result is affected by factors beyond our control. The customer has to determine the suitability of the delivered products for the intended application by using the means which normally are at his/her disposal.

Issue Date: 23/01/2023 (It is the user's responsibility to check that this sheet is up to date)  
Reference No: TDS / BS773/ 00

Page:2/2