

## TECHNICAL DATA SHEET

### BS420 EPOTAN GOFRATO EPOXY TOPCOAT

#### DESCRIPTION

<b>Product Description</b>	Two component, epoxy based semi-gloss topcoat, which gives gofrato effect surfaces when applied with a suitable equipment. Gofrato topcoat could be applied as a single layer on metal surfaces where aesthetics of the topcoat and mechanical durability of the whole paint system are essential. Gofrato coated surfaces should be kept indoors where UV exposure is limited.
<b>Intended Use</b>	<ul style="list-style-type: none"><li>As a monocoat in mild corrosive environments where UV exposure is negligible.</li></ul>
<b>Characteristic Properties</b>	<ul style="list-style-type: none"><li>Excellent adhesion on abrasive blasted carbon steel surfaces</li><li>Gofrato effect</li></ul>

#### PRODUCT PROPERTIES

<b>Color</b>	All shades are produced upon request.
<b>Gloss Level</b>	Semi-Gloss
<b>Mixing Ratio</b>	Material is supplied in two containers as a unit. Base (Comp A) = BS420 : 4 by volume Hardener (Comp B) = BB420Z001 : 1 by volume Thinner = TB00050 / TN6080 : 0-10 % by volume (depends on application condition)
<b>Solids (by volume)</b>	57-63 %
<b>Suggested Thickness</b>	80±10 microns dry film
<b>Theoretical Coverage</b>	Approximately 7.5 m <sup>2</sup> /L (80 microns 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>	Gofrato spray gun (e.g. Felix K-871)
<b>Pot Life, 20°C</b>	6 hours after the mixture is prepared.

#### STORAGE AND SAFETY INFORMATION

<b>Storage</b>	Store in a well ventilated and dry conditions at temperatures between 10 - 40°C. The packaging should not be exposed to direct sunlight. The shelf lives of the product (base) is 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.

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#### APPLICATION INFORMATION

##### Surface Preparation

Performance of this product depends upon the degree of surface preparation.

- All surfaces to be coated should be completely clean, dry and free from contamination (SSPC SP-1).
- Minimum ISO 8501-1: 2007 Sa2<sup>1/2</sup> or SSPC SP-10 / Nace No:2 cleaning grade is recommended using abrasive media suitable to achieve a sharp and angular surface profile.

##### 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) = BS420

Hardener (Comp. B) = BB420Z001

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.

4 parts of Comp. A (BS420) to 1 part Comp. B (BB420Z001) (by volume)

##### Application Method, 20°C

Equipment	Conventional Spray
Thinner	TB00050 / TN6080
Dilution	0-10 % by volume
Nozzle Pressure	-
Nozzle Size	-

##### Drying Time

(for 80 microns DFT)

Surface Temperature	5°C	10°C	20°C	40°C
Touch Dry	8 hours	6 hours	3 hours	2 hours
Hard Dry	18 hours	10 hours	6 hours	4 hours

##### Packaging

	Volume (litres)	Size of containers (litres)
Base (Comp A) =	16	25
Hardener (Comp B) =	4	5

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 : 13/10/2020 (It is the user's responsibility to check that this sheet is up to date)

Reference No : TDS / BS420/00