
TECHNICAL DATA SHEET

BS880MG2951/BS880MG4321
TETRAPUR TOPCOAT– METALLIC GREY, 9006

DESCRIPTION

Product Description	Two component topcoat, based on Acrylic-Polyisocyanate resins. It was developed for high physical and chemical resistance property demands of metal industry. It is highly preferred due to its excellent film properties and outdoor durability.
Intended Use	It was developed for high physical and chemical resistance property demands of metal industry.
Characteristic Properties	• Excellent outdoor durability

PRODUCT PROPERTIES

Color	Metallic Grey
Gloss Level	BS880MG2951: Matt BS880MG4321: 30-40 GU @60°
Mixing Ratio	Material is supplied in two containers as a unit. Base (Comp A) = BS880MG2951/BS880MG4321 : 4 by volume (4 by weight) Hardener (Comp B) = BB880Z001 : 1 by volume (1 by weight) Thinner = TB1250 : 0-15 % by volume (depends on app. condition)
Solids (by volume)	58-62 %
Suggested Thickness	35±5 microns dry film
Theoretical Coverage	Approximately 17.1 m ² /L (35 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.
Application Method	Conventional spray
Pot Life, 20°C	6 hours after the mixture is prepared.

STORAGE AND SAFETY INFORMATION

Storage	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 products (base and hardener) are at least 12 months in unbroken original package, under mentioned storage conditions.
Warnings	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.

Primed surfaces, should be dry and free from all contamination and the topcoat must be applied within the specified minimum overcoating intervals of the primer.

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) = BS880MG2951/BS880MG4321
Hardener (Comp. B) = BB880Z001

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 (BS880MG2951/BS880MG4321) to 1 part Comp. B (BB880Z001) (by volume)

Application Method, 20°C

Equipment	Conventional Spray
Thinner	TB1250
Dilution	0-15 % by volume
Nozzle Pressure	-
Nozzle Size	-

Drying Time, %65 RH (for 35 microns DFT)	Surface Temperature	5°C	10°C	20°C	40°C
Touch Dry		5 hours	2.5 hours	1.5 hours	1 hour
Hard Dry		24 hours	10 hours	6 hours	3 hours
Dried for service		21 days	14 days	7 days	3 days

Packaging	Volume (litres)	Size of containers (litres)
Base (Comp A) =	16	25
Hardener (Comp B) =	4	2

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: 28/06/2022 (It is the user's responsibility to check that this sheet is up to date)
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