

Technical Data

BENGALAC ALUMINIUM



Product description

Bengalac Silver is an alkyd based aluminium pigmented paint.

Recommended use

For use as a topcoat on alkyd primers or undercoats. Good weather and colour stability. Good hiding power.

This product is approved by Saudi Aramco under APCS 4 stock No. 09-68635

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (μm)	20	30	25
Film thickness, wet (μm)	75	110	95
Theoretical spreading rate (m^2/l)	13.5	9.0	10.8

Physical properties

Colour	Aluminium
Solids (vol %)*	27 \pm 2
Specific Gravity	0.95-1.00
Flash point	36°C \pm 2 (Setaflash)

Surface preparation

The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing.

Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

Condition during application

The temperature of the substrate should be minimum 0°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Application methods

Spray	Use airless spray or conventional spray
Brush	Recommended.
Roller	Recommended.

Application data

Mixing ratio (volume) Single Pack
Thinner/Cleaner Jotun Thinner No. 2

Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- * Good ventilation (Outdoor exposure or free circulation of air)
- * Typical film thickness
- * One coat on top of inert substrate

Substrate temperature	23°C	35°C	45°C
Surface Dry	3 h	2 h	1 min
Through Dry	12 h	10 h	8 h
Dry to recoat, minimum	24 h	20 h	18 h
Dry to recoat, maximum			

- 1 Recommended data given for recoating with the same generic type of paint.
- 2 The surface must be free from any chalking or any other contamination and if necessary, sufficiently roughened prior to application.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

Typical paint system

Cromoprimer	1 x40mic
Bengalac Aluminium	2 x25mic

Other systems may be specified, depending on area of use

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing size

1 USG and 20 Ltr.

Packing may vary from country to country according to local requirements.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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