

DIAMOND

ALKYD FINISH

C 4.20

Product Description.

A high quality non yellowing alkyd topcoat, The product has good durability and offers good gloss and gloss retention. The product is available in many color shades and is easy to apply.

Designed For:

Recommended as top coat and touch up finishes

Marine: boot top, top sides, decks, engines and super structure

Protective: suitable for wide range of steel structure.

Technical characteristics

Shelf life:	36 months	Density	1.12 g/cm depend on shades
Flash point:	35°C	Colour:	colour shades
Volume solid:	49.2 % dependent on colour		
Texture:	gloss,	Theoretical spreading rate	18 m ² at 30µm

Application



Mixing ratio

Stir the product well by using led or shaker. The Quantity depend on the method



viscosity Potlife

20 to 30 second ISO 4 cup at 20C
Four days in a sealed container



Drying

	10°C	25°C	35°C
Touch dry	5h	2.5h	1h
Dry to handle	25h	6h	3.5h
recoating	36h	14h	13h



Application

Airless: 180-150 Bar nozzle size 0.48 -0.66 mm with thinner 5%
Brush : Multicoat are required to achieve the specified dry film thickness. Volume of thinner: 0 - 10%
Roller: not recommended
Air spray 0-10% **airless spray** 0-3% **brush** 0 – 5% **roller** 0 – 5%
Thinner: Use Rock Thinner RC600



No of coats

	DFT	WFT	TSR
range	30 -50	60 -110	16 -10
recommended	40	80	10.6

storage

Store in cool dry place well ventilated and away from source of heat and ignition. Containers must be kept tightly closed.

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Heat Fastness

Continuous: 120 °C Peak: up to 140 °C

pre-treatment

Surface preparation

Coated substrates All surfaces should be clean, dry and free from contamination. Surfaces should be treated in accordance with ISO 8504:2000. Ensure compatibility of the coated substrates with the selected paint system. If the remaining part of the existing coating system needs to be sweep-blasted, fine abrasive shall be used to avoid damage to the coating system. Contact your local Rock Coating office for more information.

Typical paint system

A typical system for this product is shown below and should be taken for guidance only. A full system specification where all details are taken into consideration can be obtained through your local rock coating representative.

Rock Prime 88

Recommended: 75µm DFT

Diamond

Recommended: 40µm DFT

Diamond

Recommended: 40µm DFT

For further information about full system specification consult your **ROCK COATING** supplier

Application conditions

The temperature of the substrate should be at least 3°C above the dew point of the air. Temperature and relative humidity should be measured in the vicinity of the substrate. The maximum recommended surface temperature is approx. 40°C. Higher steel temperatures are acceptable provided dry-spray is avoided by proper spray application and extra thinning if required. In extreme cases it may be necessary to reduce film thickness in order to avoid sag

Health and safety.

Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators. As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spraying should be carried out under well-ventilated conditions. This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

Disclaimer.

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product without notice.

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