

KELCOT M-7

FOULING GLAZE (ANTIFOULING) ZINC BASED

DESCRIPTION

Antifouling fast drying enamel for the final coating of pipes and vessels hull under the waterline. Developed for service in areas of high aggressiveness. It has good abrasion resistance, quick drying and can be applied at very low temperatures

Do not use on hot surfaces.

FIELDS OF APPLICATION

In the shipbuilding industry.

PHYSICAL PROPERTIES

VEHICLE	Rubber and rosin.
PIGMENTATION	Zinc.
SOLVENTS	Xylene, high flash
COLOUR	Gray
FINISH	Semi-gloss
SPECIFIC GRAVITY (25 ° C)	1.75 ± 0.05 kg / l
WEIGHT SOLIDS	84.5 ± 2%
VOLUME SOLIDS	68.5 ± 2%
DRY FILM THICKNESS	50 µ by hand
THICKNESS WET	81 µ by hand
NUMBER OF HANDS	2 or 3
THEORETICAL PERFORMANCE	11 m ² / l to 50 µ dry film
COMPONENTS	1
DRYING TIME	
TOUCH	25 minutes
HARD, DIFFICULT	8 hours
TOTAL	48 hours
PERIOD RECOAT	At least 8 hours
BACKGROUND RECOMMENDED	KELCOT E-108
TOPCOATS	Not applicable

STORAGE TIME

3 months in its original, tightly covered containers and where the temperature is greater than 10 ° C.

The data reported were taken at 25 ° C and 75% relative humidity.

PRESENTATION

Packs of 1 and 4 liters

PREPARATION OF SURFACES

CONCRETE

Completely remove soluble salts (mainly chlorides, sulfates) washing with fresh water pressure. Remove grease, oil and dirt by washing with etersivas solutions, followed by rinsing with fresh water

Surface irregularities repair with putty KELCOT E-301 (see data sheet)

Remove absorption on porous surfaces primed KELCOT E-654 (see data sheet)

STEEL

For optimal performance, clean jet abrasive Sa 2½ (metal almost white).

To remove rust with poor adherence flakes lamination or deteriorated previous coatings make commercial blasting (Sa 2), mechanical cleaning (St 3) or manual (St 2).

Sharp edges, weld beads, peels, cracks, etc. They are rounded or removed using grinding and abrasive discs. Recommended Funds: KELCOT E-100, E-103, E-108

304 stainless steel: apply background KELCOT E-108 with a maximum dry film thickness of 30micrones. (See data sheet).

316 stainless steel: discouraged by poor adherence.

PRFV

Completely remove mold release agents, loose paint by manual or mechanical sanding

MIXED

Carefully with upward circular motions until uniform in color and consistency. Dilute according application method.

Fully mix the contents of the pack

APPLICATION

The surface must be completely clean and dry Applicable between -10 ° C and 40 ° C.

DILUTION

BRUSH

Thinner DC-800, 10% (touch only)

ROLLER

Thinner DC-800, between 10 and 30%

Airless spray

Thinner DC-800, 20%

HIGH PRESSURE TANK

Thinner DC-800, 20%.

RECOMMENDED EQUIPMENT

BRUSH

Natural or synthetic bristle brushes of good quality

ROLLER

Not applicable

Airless spray

Use pressure tank gun with airless equipment

Model	Pump ratio	Fluid pressure	Nozzle	Filter
Gracco Bulldog	30:1	2000-3000 psi.	.019-.021	60 #
De Vilbiss Hiskie	33:1	1600-2400 psi.	.019-.021	60 #

HEALTH AND SAFETY

Indoors use explosion-proof electrical equipment, fresh air masks, SCBA and extractors to keep solvent vapors within safety limits.

Flammable product. Keep away from heat or flame. Keep container tightly closed.

Avoid inhalation of vapors and prolonged contact with the skin.

In case of contact wash with fresh water. If contact with eyes, rinse immediately with water and consult a doctor.

It can affect the nervous system causing dizziness, nausea and headache. May cause allergic skin reaction and eye irritation.

The recommendations and suggestions regarding the use of our products are made in good faith and in accordance with the current state of our knowledge. We guarantee permanent quality of them to our specifications but we can not guarantee specific properties or fitness for its intended use.

Last Revision Date: June 28, 2016