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SCHEMA TECNICA

(Cod. 385891D950)

KELFOS

Rust converter based on chelating polymer specially designed for the neutralization of rust on iron and ferrous metal surfaces. The product reacts rapidly with rust and transforms iron oxide into a stable and insoluble blue-black complex metal-organic salt.



PRODUCT DESCRIPTION

FIELD OF APPLICATION	KELFOS is a chemical converter of rust to water, suitable for the restoration of ferrous parts (external or recessed) and for the protection of iron elements where it acts as an inhibitor, preventing corrosion. The product can be applied on aged and rusty ferrous or galvanized supports but also on new ferrous supports. The best performance is obtained with a KELFOS-enamel cycle but for an even more effective action it can also be used in combination with a subsequent cycle of anti-rust products. Unlike common products on the market, KELFOS has an anticorrosive and protective action on the substrate even without enamelling.
PROPERTY'	Quick neutralizing action. High protection of the ferrous support.
COLOR	Sand.
SPECIFIC WEIGHT	1,050 Kg / l.
BINDER	Chelating polymer.
SUBSTANCES CONTAINED	Chelating polymer and specific additives.
TECHNICAL DATA	Dry residue: 28 ± 5%.

FUNDS AND PRE-TREATMENT OF FUNDS

GENERAL REQUIREMENTS	A careful evaluation of the substrate to be treated by the operator carrying out the painting work is of fundamental importance. To obtain the best possible result, the substrate must be thoroughly cleaned and degreased and any excess rust or unstable parts must be eliminated by sandblasting or mechanical brushing. In the case of substrates soiled by grease or oil, degrease the surfaces with a passage of solvent.
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PROCESSING

APPLICATION METHOD	To obtain a good application both with a roller and with a brush, make sure that the substrate is dry and spread a coat of product on the substrate in a homogeneous and uniform manner. Wait for KELFOS to dry completely. The product reacts with rust and transforms iron oxide into a stable and insoluble blue-black complex metal-organic salt.
WORKING TEMPERATURE	Do not apply at temperatures below + 5 ° C and above + 40 ° C. Maximum permissible relative humidity: 75%. Do not apply under direct sunlight, on hot surfaces, in the presence of strong wind, rain, fog, danger of night frosts in order to avoid drying delays and failure of the film to harden.
CONSUMPTION	Approx. 10 sqm / liter for brush or roller applications.

	(the yield depends a lot on the conditions of the substrate in terms of absorption and roughness).
DILUTION	Ready to use.
DRYING	Touch dry after about 3 hours. The times are to be considered as such in optimal environmental conditions (temp. + 5 ° C / + 30 ° C, UM <70%).
CLEANING THE TOOLS	Immediately after use with soap and water.
STORAGE	Each package is specifically labeled and bears the production code which identifies the production period which identifies the production period. Store in a cool and dry place. If these conditions are respected, the stability of the unopened package is guaranteed for 24 months.

INFORMATION	
PACKAGING	1 liter packs. (boxes of 12 pieces) Packs of 5 Liters.
SAFETY TIPS	If you need to consult a doctor, have the container or the label of the product available. Keep out of reach of children. Wear protective gloves and protect eyes / face. IF SWALLOWED: Immediately call a POISON CENTER / doctor. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas. Contains: Blend of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3: 1). It can cause an allergic reaction.
DISPOSAL	Send for recycling only containers emptied of residues. Material residues can be disposed of at local collection centers for special waste.
TECHNICAL ASSISTANCE	For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet. All the technical indications contained herein are indicative. For further information, consult our Technical Assistance service.

REVISION: 00/2020

The information contained in this product information has been prepared in accordance with the best of science and is in accordance with the current state of the art. However, they must be considered non-binding, as the different properties of the substrate, the processing method and the application are beyond our possibilities of intervention. Special cases due to the particular properties of the building must be observed. Legal constraints cannot be inferred from the above indications.