



Powder Paint Cleaner (Remover) No. 860

Product description:

Highly-efficient and fast-acting product for cold removal of powder coatings (epoxy-polyester and polyester) from aluminum and steel surfaces using a dipping method. Depending on the type of surface and layer thickness, powder coatings are removed within 30 minutes to 24 hours. In order not to damage plastic parts, protect them when using the product.

1. Designation and benefits: Highly-efficient and fast-acting product for cold removal of powder coatings (epoxy, polyester, epoxy-polyester, polyester, polyurethane, polyacrylate) from any surfaces, other than rubber or plastic, by dipping them into the working solution. Depending on the type of surface and layer thickness, it removes powder coatings within 3 minutes to several hours. In order not to damage plastic parts, protect them when using the product. The composition is a mixture of organic solvents, surfactants and activators and does not contain any halogenated hydrogens. It is a fluid (not jellylike) agent; which penetrates immediately into the powder coating structure and dissolves or destroys it.

2. Application: Immerse the whole parts to be treated into a container with the remover. Close the container with a cover to reduce vaporization of solvents and consumption of Old Paint Remover No. 860. The remover is effective at a temperature below +5°C and does not require any additional heating. After required exposure period, which varies from 3 minutes to several hours depending on the type and thickness of the paint to be removed, the coating becomes either blistered and dissolved or crushed to dust and slowly peels off and sinks out. Take the cleaned part out of the remover, rinse it with running water or flush under pressure (using Kärcher-type high-pressure cleaners) and dry it out. It is preferred to flush parts not just with water but with a FAS-104 technical cleaning and inhibiting solution. The agent protects metal from corrosion and prepares an item for further painting, while increasing the interoperation storage period in the open air under shelter up to 6 months.

3. Consumption: Since the parts to be treated with Powder Paint Remover No. 860 should be dipped into the working solution (see Powdered Paint Remover No. 133 P for application method), the consumption rate depends on the following additional factors along with traditional ones (such as surface layer thickness, type of powder coating, exposure period and temperature):

- a) remover usage intensity, i.e. from which area and how long the powder paint is removed;
- b) period when the container with paint remover stays open (cover was off);
- c) structure of the treated surface (for instance, small-meshed crates) as the parts taken out of the container keep a layer of Old Paint Remover No. 860 due to surface tension.

Subject to average intensity of use and compliance with the manufacturer's recommendations, one compound can be used up to 1 month.

However, you should perform a few test removals to determine the precise consumption rate. Long-term contact of residuals formed in the course of removal (particles of peeled-off paint) with the working solution leads to its gradual deactivation accompanied with pH decrease to 7 – 8. Deactivation means gradual slowdown of the rate of reaction (increase in the exposure time to coating destruction). So when the cleaning procedure is over, filter the paint residuals from the working solution of Old Paint Remover No. 860 using any available method.

Caution! Do not mix or dissolve Old Paint Remover No. 860 with any other solutions. Dissolved with water, Old Paint Remover No. 860 gets deactivated and cannot be regenerated.

4. Specifications

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| Appearance | Clear liquid |
| Color | From colorless to reddish-brown |
| Rheological features | Not consistent |



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| Cleaning action, hours, depending on surface (paint type, layer thickness) | From 0.05 to 24 |
| Content of active solvents, %, minimum | 95 |
| Alkali concentration, %, minimum | 1 |
| Warranty shelf life, minimum, months | 24 |
| Recommended temperature, °C | +5 – +25 |
| Storage conditions, tight container, °C | -5 – +25 |
| Corrosion effect on metal | No |

5. Safety precautions

Old Paint Remover No. 860 contains solvents and alkalis. All operations shall be performed in the well-ventilated room using appropriate personal protective equipment. In the event of contact with eyes, rinse thoroughly with running water. In the event of contact with skin, weep with a rag and rinse thoroughly with running water. Consult a doctor if necessary.

6. Disposal

Exhausted product shall be disposed as an organic solvent.

- Removal, destruction of old paints Removal, destruction of old paints Dimet®
- Alfistrip 860
- Ofinal B1
- bolts
- rapid removal of powder paint
- liquid for powder paint removal
- painted parts
- cleaner
- steel surface cleaning
- alloy wheel painting
- retail equipment painting
- powder painting
- powder paint remover
- paint removal from hooks
- powder paint removal
- thermal cleaning
- removal of powder coatings
- removal of defective coatings
- removal of polymeric coating from colored item
- effective removal of all types of powders