

METALSTRIP 1460

FASTRIP PAINT-STRIPPER

Metalstrip 1460 + Aktivator 1660 Is a quick-acting delacquering product developed for inline chemical stripping. Metalstrip 1460 removes lacquers within 2 minutes and is therefore ideal for removing layers of paint between 60 and 120 µm with very short treatment times. Metalstrip 1460 is used "as-is" in dipping plants type and is free from halogenated hydrocarbons

Characteristic data	Initial quantity	100 % Metalstrip 1460 (ready to use)
	Density	about 1.06 g/ml Metalstrip 1460 about 1,07 g/ml Metalstrip Aktivator 1660 about 0.88 g/ml Metalstrip Cover Layer 5100
	Duration of treatment	from about 2 minutes
	Temperature	40 – 70°C
	Form of delivery	METALSTRIP 1460 1.000 KG (IBC) 25 KG (Jerrican) 600 KG (IBC) Metalstrip Aktivator 1660 1.000 KG (IBC) 200 KG (Cask) 25 KG (Jerrican) 25 KG (Jerrican) Metalstrip Cover Layer 5100 185 KG (Cask) 20 KG (Jerrican) 8 KG (Jerrican)

The action of the product is strongly influenced by the lacquer layer thickness. Therefore, the optimal operational parameters may lie outside the indicated standard areas in individual cases.

Safety precautions Please comply with all chemical handling regulations. Please refer to the Safety Data Sheet for information about product transport, storage, handling, and further details. Use appropriate personal protective equipment while using and handling the product. Avoid contact and inhalation. If the product comes into contact with the skin or eyes, wash thoroughly with water and consult a doctor.

Preparation of the solution The filling of the stripping tank should be done using only Metalstrip 1460 and Metalstrip Cover Layer 5100. Metalstrip Cover Layer 5100 is a special product designed to allow to form a cap over the chemical paint stripper solution. It's necessary to add about 4 cm of Cover Layer 5100 to the solution of Metalstrip 1460. Metalstrip Cover Layer 5100 will create immediately a layer above the stripper solution. From time to time, please check the amount of Metalstrip Cover Layer on the top of solution and add as required.

Procedure

The parts to be delacquered are introduced into the bath when they are dry. In case of rinse, it is absolutely necessary to avoid introduction of water into the delacquering bath since this would make the bath ineffective.

The hooks or the frames come in the bath and after a time of two minutes will come out completely stripped.

Depending on the type of hook or frames, the pieces must be rinsed or can be dried immediately.

Paint residues and suspended materials can be eliminated by adequate decanter, separators, filter pumps or filter presses (recommended). Because of this the residence time of the stripping bath will be considerably prolonged.

Tank material

A suitable tank material is iron or steel, preferably stainless steel. Tanks of zinc, galvanized steel or aluminum must not be used.

Maintaining concentration

Additions to the delacquering bath must always be performed with Metalstrip Aktivator 1660 since this ensures a sufficient concentration of the alkaline component, which is consumed during the delacquering process.

Determination of free Alkalinity of the bath:

A 10 ml bath sample (taken below the cover layer) is pipetted into an Erlenmeyer flask and diluted with approx. 100 ml dist. water. Then several drops of phenolphthalein indicator solution are added and titration is performed using 1 N sulfuric acid from a burette until the solution become colorless.

Used ml 1N Sulfuric Acid = Alkalinity point

A fresh solution of Metalstrip 1460 contain about 9.8 alkalinity points.

In order to increase 1 alkalinity points, add 8.5Kg of Metalstrip Aktivator 1660 every 100 Kg of solution.

Laboratory Equipment	ARTICLE	QUANTITY
	P0000155 - SULFURIC ACID 1N ml 1000	2
	P0000171 - PHENOLPHTHALEIN 1% INDICATOR ML 30	2
	P0100028 - ERLLENMEYER FLASK ml 250 BOROSILICATED GLASS - WIDE NECK	2
	P0100081 - LAB-5291 GRADUATED PIPETTE - CAPACITY 10 ml	2
	P0100084 - LAB-5295 - VOLUMETRIC PIPETTE - 10 ml	2
	P0100091 - LAB-5310 - 3 VALVE PIPETTE FILLER - RED RUBBER	2
	P0100099 - LAB-5351 - PE WASH BOTTLE ml 500 K183	1

We will be happy to provide you with our knowledge and advice to guarantee the best process quality.

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