

ROSALEE AIR DRY HAMMER FINISH

➤ Scope

There are a large number of engineering articles, made of cast iron or of mild sheet, where it is difficult to make the surface, very smooth, even after application of primer and putty, such items, when coated with any finishing paint, have a tendency to highlight all surface defects, unless the finishing paint is dead matt. To overcome this problem, the best solution is to apply a coat or two hammer finish. It covers all surface defects and being metallic, offers an aesthetic appeal.

➤ Areas of Application

Any metallic surface having pores or uneven surface where hiding of surface defects is important.

➤ Surface Preparation

The surface should be free from rust, oil or grease. The best way to achieve the objective is, sand blasting or 7 tank phosphating system. If for some reason, it is not possible, rustosan should be used. It is a 3-in-1 compound, which removes oil, grease and rust in single operation. Besides, a light coat of zinc-iron phosphate is formed which gives better adhesion to paint and also offers corrosion resistance.

➤ Technical Data

- APPEARANCE : Free flowing liquid, free from lumps and showing an appropriate shade with metallic sheen.
- VISCOSITY BY FC4 CUP : 100 ± 5 sec. At 30°C.
- SPRAYING VISCOSITY : 55-60 sec.
- THINNER TO BE USED : N.C. Thinner 033
The hammer finish is not suitable for brushing.
- DRYING TIME :

Touch dry	:	5 to 10 min.
Dust free	:	10 to 15 min.
Surface dry	:	20 to 25 min.
Hard dry	:	24 hrs.
- FLEXIBILITY : Passes 1/4 inch bending mandrel.
- SCRATCH HARDNESS : N.a.
- WATER RESISTANCE : Passes

➤ Directions for Use

Prepare the surface as directed above. Thin the paint for spraying consistency and first, apply a mist coat (very thin coat). Apply second coat with medium pressure and you will see a built up of uniform hammer finish.

➤ Notes

Use of a correct thinner is very essential for getting uniform patterns of hammer.

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