

TECHNICAL DATA SHEET

i-FIN AL COLD SEALING SALT

i-Fin Al Cold sealing salt is a process based on chemical impregnation of the aluminium oxide film with reactive substances. It seals the coat and produces a productive coating having low reactivity to weathering. It shows quality standard higher than those of the anodized aluminium in drop test, wet loss and salt pray test.

It has a catalytic effect tin sealing the anodic coating wherein the pores do not react with air moisture. i-Fin Al Cold sealing salt is a non-organic salt with special aging effect. Its main advantage when compared with traditional cold sealing products is not being decolorized than most of the immersion colorants.

OPERATING CONDITIONS

	Unit	Range	Optimum
i-Fin Al Cold sealing salt	gm/ltr	7 -9	8
pH	-	5.5 -6.0	5.8
Temperature	°C	20-30	25
Time	minutes	10-20	15

Note: Ammonia is used to raise the pH and Acetic acid is used to lower the pH.

BATH MAKE UP

- Fill the tank with deionized water up to $\frac{3}{4}$ of its volume.
- Add the required i-Fin Al Cold Sealing salt, distributing it over the whole tank surface and mix well again.
- Stir well and add deionized water up to the final volume.
- The bath is ready for operation after all the ingredients have been thoroughly mixed.

EQUIPMENT

Tank : The tanks must be lined with a material that may be resistant to acids (e.g. PVC, polypropylene, fibre glass, polyester, etc.)

Filtration : It is advisable to circulate the bath by agitator and/or filtration.

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