



Proven solutions in packaging paints



THE TINPLATE COMPANY OF INDIA LIMITED
A **TATA** Enterprise

THE GREEN PACKAGING MEDIUM

Tata Tinplate continues to make a mark as a preferred packaging medium, both for fresh and processed foods and beverages, as well as for the packaging of non food products such as paints, aerosols, battery jackets, chemicals and closures for both food and non food containers. Tata Tinplate is manufactured for Tata Steel Limited by the **The Tinplate Company of India Limited (TCIL)**, India's first Company to manufacture tinplate indigenously. Today, over 25% of the Company's production is exported to discerning markets worldwide. Moreover, being a 'green' packaging medium, 100% recyclable and eco-friendly, Tata Tinplate is perfectly suited to an age in which commercial success depends on sound environmental credentials.






Electrolytic Tinplate (ETP)

Electrolytic tinplate continues to enjoy the pride of place as a preferred packaging medium for paints. The steel base provides the necessary strength and formability for can fabrication. The tin-iron alloy layer provides the bond between the steel and free tin layer. The free tin layer is not only responsible for the attractive bright finish but is also highly compatible with both solvent and water based paints.



Tata Tinplate is available in

-  **Stone & Silver finish**
-  **Surface Oil (DOS) Level : 5-12 mg/m²**
-  **Passivation : 311 / 300 Treatment**

Note: Specifications of supplies as per JIS G3303SPTE, EN10202, ASTM 623M & IS 1993: 2006



Double Reduced (DR) Tinplate

Double Reduced (DR) tinplate from Tata Tinplate is

- **Thinner**
- **Stronger**
- **Brighter**

The high relative strength of DR Tinplate facilitates the use of lower gauges for the same end use application as SR Tinplate. The Fillers / Brand owners enjoy a substantial cost reduction by producing more number of cans from 1MT of tinplate.

In the Double Reduced (DR) process, steel is given a second cold reduction with lubrication after Annealing, which gives work hardening effect to yield additional strength. The cold reduced steel is electrolytically plated with tin or chromium to produce DR Tinplate / TFS.



The higher strength of DR cans results in making robust packaging, especially for paints, which can withstand the severe handling and transportation conditions. Moreover, DR Tinplates from Tata Tinplate come with high formability and welding characteristics, inspiring innovations in shaped cans, beyond square and round beaded cans.

TINPLATE SPECIFICATIONS

Thickness in mm / Temper

SKU	Body	Ring	Lid	Bottom
50 - 100ml	0.18/DR48	0.19/T55	0.19/DR48	-
200ml	0.18/T55	0.19/DR48	0.19/DR48	0.19/DR48
500ml	0.18/T55	0.20/DR48	0.19/DR48	0.21/T61
1 litre	0.20/DR48	0.20/DR48		0.22/T61
4 litres	0.21/DR08 - 0.24/T61			

Recommended coating: 2.8 / 2.8 gm/m² or 2.24 / 2.24 gm/m²



Tinsplate Packaging

...Paints a Perfect Picture



Provides resistance to temperature change | Protects against light, air, humidity
Suitable for solvent & water based paints | Excellent printable surface | High shelf appeal
Easy to stack, store and transport | Eco friendly

Preferred as the Best Packaging Medium for Paints Globally





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