

ALUSTEEL

LMC is produced technically by way of a specific cycle on the basis of polyurethane paints, the individual components of which, primer and topcoat, give the end product a natural similarity with copper.

The LMC cycle is carried out on a hot galvanised support with a view to bringing out the small surface imperfections from lamination.

The characteristic minimum spangles of the hot galvanised steel noticeable on the base is reminiscent of the special oxidation process of copper and it confers on the end product an impression of seasoned copper.

Material uses

Material with characteristics suitable for bending and profiling.

Construction: guttering.

Industry: panels, false ceilings.

Architecture in general.

Guaranty of colour

Since the cycle is carried out with transparent paints and/or slightly coloured, it is strongly influenced by the characteristics of the support.

Although production runs can be used interchangeably, no **Delta E** value is guaranteed.

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LMC

This technical sheet concerns the characteristics of the product applied on a hot galvanised support.

Top side

- primer 5-7 mic

- topcoat 15-17 mic

Back side

- back coat foaming 6 mic

Propriety	Value	Test
Nominal coating thickness	20 - 24	Ecca T1
Mek resistance (double rubs)	> 100	Aicc n. 23
Gloss 60°	60 ± 10	Ecca T 2
Pencil hardness (koo-i-noor)	H	Ecca T 4
Scratch resistance	excellent	n.a.
Metal marking resistance	excellent	Ecca T 2
TB cracking at 25° C	0 T	Ecca T 7
TB adhesion at 25° C	0 T	Ecca T 6
Adhesion on drawing	100 %	Aicc n. 1
Impact adhesion	100 %	Ecca T 5
Spot resistance (oil, tomato, coffee, etc)	excellent	Ecca T 18
Pressure marking resistance	excellent	

Saline mist resistance

Corrosion creep **exposure** 200 hrs mm. 1

Corrosion creep **exposure** 500 hrs mm. 3

Exposure to UV radiation

exposure for 200 hours does not show any significant variation in colour.