



TECHNICAL DATA DECORATIVE SILK SCREEN PRINTING

GENERAL CHARACTERISTICS

The decorative silk screens are coloured applications which have UV filtration and/or external esthetical functions (mask of electrical bus bar, the interior trim,...). If several materials could be used, all are not appropriated to every applications.

TECHNICAL CHARACTERISTICS

Type of material	UV filtration Capacity (1*) In black colour	Possible Colours (*2)	Printing process	Mechanical behaviour and/or ageing
Glaze on glass	Up to 0.01%	All	Screen	*** if internal ** if external
Epoxy on glass	Up to 0.01%	All	Screen	*
Primer on glass	Up to 0.01%	Black	Stamp Pulverisation	**
Ink on plastic interlayer	Up to some few %	All	Screen	***

(1*) : The filtration rate can change following references. These rates are understood whatever the UV wavelength. The global filtration capacity is maintained in spite of local defect limited to 4mm in diameter and is optimal with black colour.

(2*) : The colours are to be defined in accordance with a chart.

However be careful that the actual colour can be modified by the glass plies of the make up and the time/cost necessary if we have to develop a new colour.

* : Medium

** : Good

*** : Very good


FEASIBILITY

Used material type	Possible curve	Possible Glass treatment	Internal or external application	Shape limit
Glaze on glass	Yes	Rt - TT (1*)	Int/ext (2*)	Check following the make up the feasibility of curvature
Epoxy on glass	No	Rt - RC - TT	Int	
Primer on glass	Yes	Rt - RC - TT	Int	Only plain and rectilinear pattern
Ink on plastic interlayer	Yes	Rt - RC - TT	Int	surface less than à 1mx1m Have to be between two interlayers

Rt : Float glass / RC : Chemical reinforcement / TT : Thermal tempered

(1*) : the thermal tempered rate on glazed surface is different than non glazed surface.

(2*) : The compatibility between structural sealant or primer and used glaze has to be checked.

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