



YARET INDUSTRIAL GROUP CO.,LTD.

ACP - Polyester coating-

Aluminium Skin 0,18mm

Dimensional tolerances	
<i>Thickness (mm)</i>	+ / - 0,2
<i>Width (mm)</i>	+ / - 2
<i>Length (mm)</i>	+ / - 3
<i>Diagonal (mm)</i>	+ / - 4
<i>Aluminium thickness (mm)</i>	+ / - 0,02
Surface properties	
<i>Paint thickness (micron)</i>	16 + / - 2
<i>Pencil Hardness</i>	2H
<i>Toughness of coating</i>	2T
<i>Temperature resistance</i>	- 50° C to +90° C
<i>Deflection Temperature (° C)</i>	115
<i>Impact strength (Kg/ cm2)</i>	50
<i>Resistance to traction (N/ mm2)</i>	175
<i>Modulus of elasticity (N/ mm2)</i>	70 000
<i>Boiling Water Resistance</i>	Boiling for 2 hrs without change
<i>Acid Resistance</i>	Immerse Surface in 2% HCl for 24 hrs without change
<i>Alkali Resistance</i>	Immerse Surface in 2% NaOH for 24 hrs without change
<i>Oil Resistance</i>	Immerse Surface in 20# engine oil for 24 hrs without change
<i>Solvent Resistance</i>	Cleaned 100 times with butanone without change
<i>Cleaning Resistance</i>	> 1000 times without change
<i>Peel Strength 180° C</i>	> 3 Newton / mm
General properties	
<i>Weight 2mm (Kg/ m2)</i>	2.9
<i>Weight 3mm (Kg/ m2)</i>	3.9
<i>Weight 4mm (Kg/ m2)</i>	4.9
<i>Thermal expansion</i>	2,4mm/ m @ 100 ° C
<i>Fire Resistance</i>	B-S1-D0