

# BAJACOIL DURA 53585

**Description:** BAJACOIL DURA 53585 is high performance modified Polyester-Melamine coil coating topcoat with ultimate weathering resistance. The product has very high flexibility and hardness.

**Recommended use:** As a topcoat for primed Galvanized steel and Aluminum coils., to be used for sandwich panel, corrugate sheet

## CURING CONDITIONS

Substrate	Galvanized steel
Primer	BAJACOIL UNI PRIMER12585
DFT of primer	4-6 microns
Primer curing condition	30 sec.
Primer PMT	220-232 °C
Top coat DFT	16-17 microns
Topcoat curing condition	30 sec.
Topcoat PMT	220-232 °C

## PHYSICAL CONSTANTS OF THE PRODUCT

Shade (RAL)	9016
Density , ±0.02 (gr/ml)	1.25
Volume solid (%)	49±2
Weight solid (%)	60±2
Viscosity	90±10 sec , ASTM Cup#4
Shelf life	One year

## FILM PROPERTIES

Shade (code)	White (RAL 9016)
Gloss (%)	35-45
Coverage	380 m <sup>2</sup> .1μ/1kg
UV resistance	UVA (340) the gloss reduction after 2000 (hr) less than 50%
Pencil Hardness	1H (min.)
Flexibility (T-bend)	0T , only crack without delamination 1.5T, without crack
Cupping resistance	7mm, without crack
MEK resistance	>100 (double rubbing)
Salt spray test (galvanized substrate)	Min. 500 hours, without blistering
Chemical resistance (250hrs immersion test)	HCl (15% sol.), H <sub>2</sub> SO <sub>4</sub> (15% sol.) , NaOH (15% sol.) , HNO <sub>3</sub> (5% sol.)
Humidity resistance	Min. 500 hours, without blistering

**APPLICATION METHOD:** Automatic Roller

**SURFACE PREPARATION** Chromating process

**SAFETY:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAK Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.