



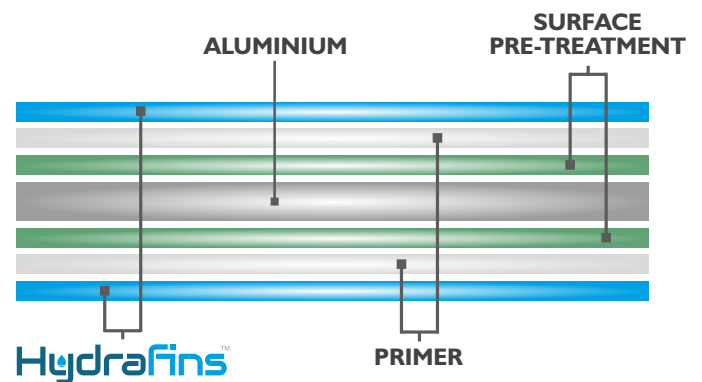
HydrafinsTM



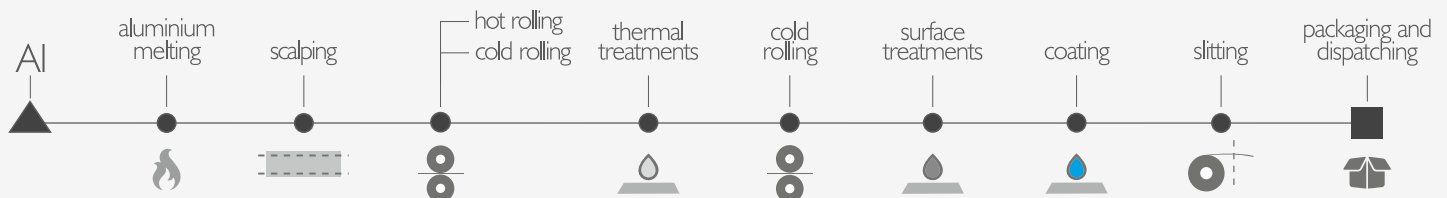
Italcoat supplies **coated aluminium** with a new high performance **adsorbing hydrophilic lacquer** to manufacturers of **adiabatic heat exchangers**.

PRODUCT DESCRIPTION

Aluminium foil **chemically degreased** and pre-treated, **lacquered both sides** with a very thin layer of **adsorbing hydrophilic lacquer**.



HydrafinsTM coating has the function to **protect** while also **increasing adiabatic heat exchangers performance**.



Technical Specifications

Alloy: 8xxx

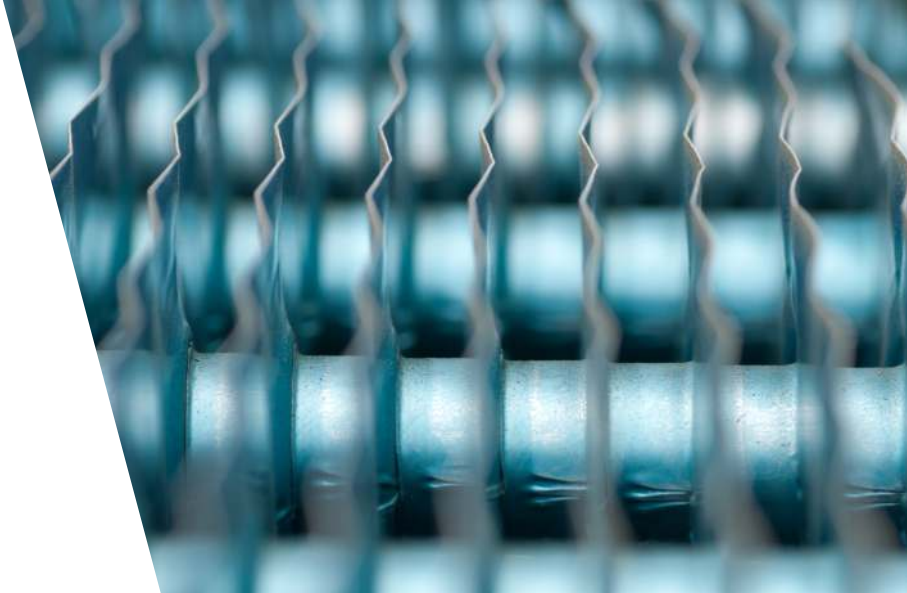
Temper: "0" – H22 – H24

Thickness: from 0,10mm up to 0,30mm

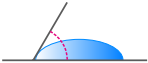
Width: max 1300 mm

Total Grammage: 6-6,5 g/m²

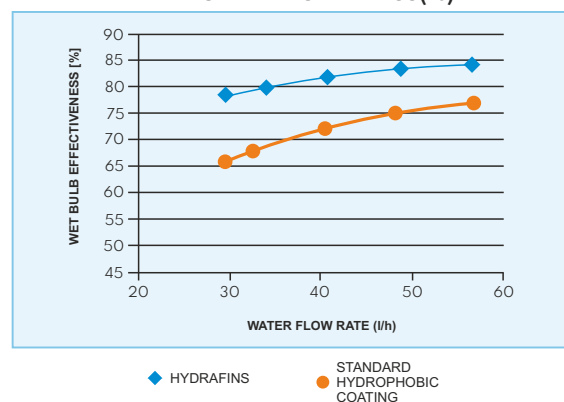
Available colours: light blue



ADVANTAGES

EXCELLENT HYDROPHILIC PERFORMANCE 	Very good hydrophilic performances at time 0: contact angle with water < 15°
	Good resistance to the temperature (200°/2h): contact angle with water < 25°
	Very good hydrophilic performances after boiling in chlorinate detergent CCl ₄ : contact angle with water < 20°

WET BULB EFFECTIVENESS(%)



■
Adsorbing hydrophilic
behaviour preservation
even after ageing

■
Superior corrosion
resistance
(1500 hours in salt spray)

■
Excellent mechanical
properties in the deep
drawing process



Italcoat's coating product used for this material is **water-based**.

It **doesn't contain harmful chemical compounds** in its formula, such as formaldehyde.

