

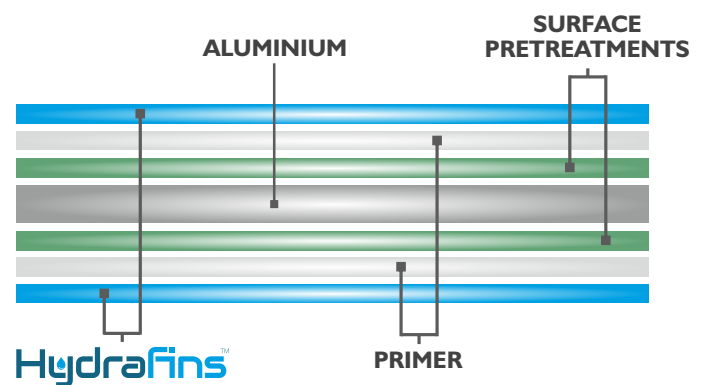
Hydrafins™



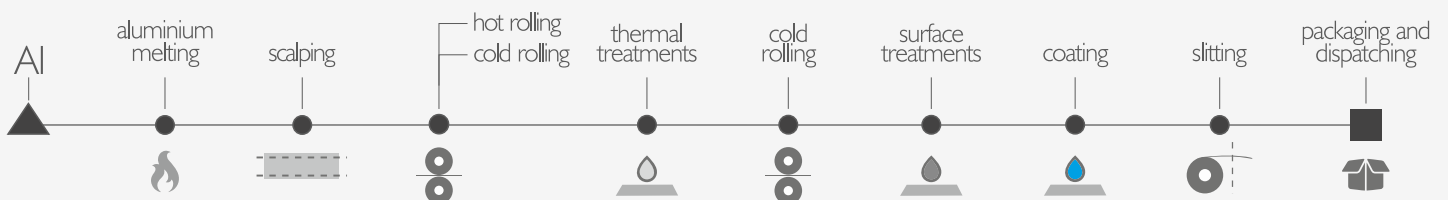
Italcoat supplies **coated aluminium** with a new high performance **adsorbing hydrophilic lacquer** to manufacturers of **adiabatic heat exchangers**.

PRODUCT DESCRIPTION

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



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



Technical Specification

Alloy: 8079

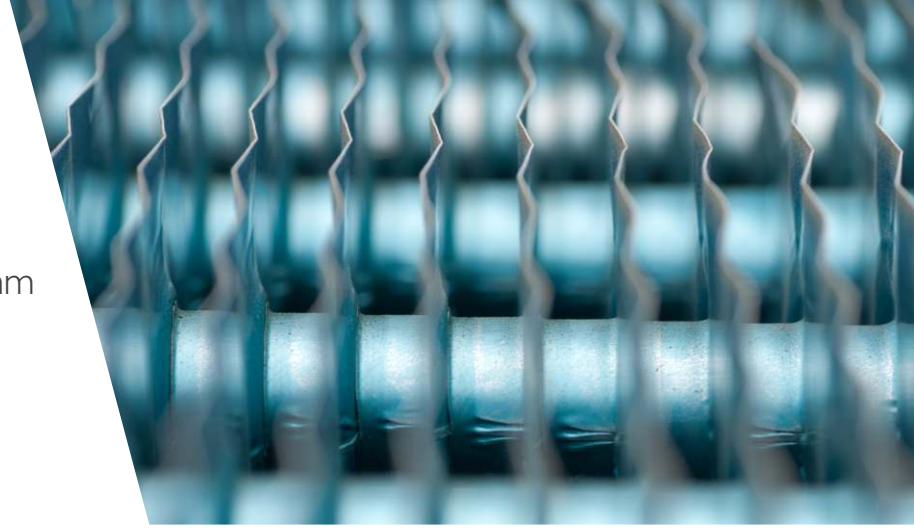
Temper: "0" – H22 – H24

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

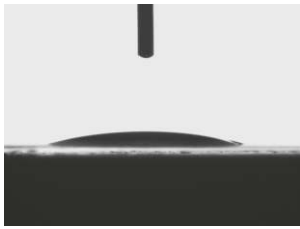
Width: max 1300 mm

Total Grammage: 2-2,5 g/m²

Available colours: light blue



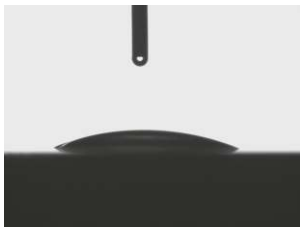
ADVANTAGES



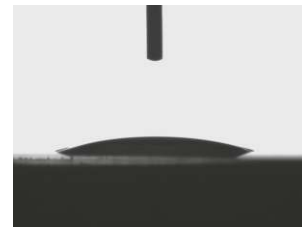
Very good hydrophilic performances at time 0:
contact angle with water less than 15°



Good resistance to the temperature (200° - 2h):
contact angle with water less than 20°



Thermal drying after oil dipping and water rinsing:
contact angle with water less than 30°



Very good hydrophilic performances after
boiling in chlorinate detergent CCl₄:
contact angle with water less than 20°

■ **High adsorbing hydrophilic behaviour** preservation even after ageing

■ **Superior corrosion resistance**

■ **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.

We make colors happen

italcoat

a part of Laminazione Sottile Group



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