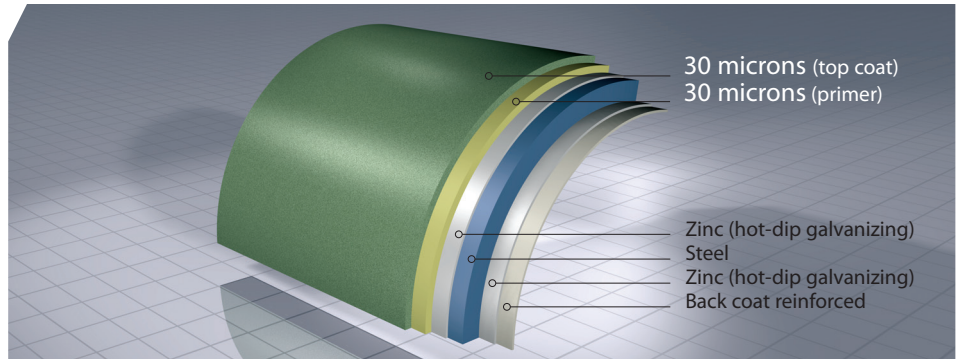


STANDARDS IN FORCE

Metal substrate and coating
as per Standard EN 10346

Organic coating
as per standards EN 10169
and (F) XP P 34.301



TYPE OF COATING	Composite coating : - Very good resistance to chemical agents - Excellent corrosion resistance - Excellent ultraviolet ray resistance - Excellent abrasion resistance - Excellent scratch resistance - Excellent appearance and colour stability - Very high durability	
COATING CLASS	Interior environment : grade IV b (XP P 34.301) - category CPI4 (NF EN 10169) Exterior atmosphere : grade VI (XP P 34.301) - category RUV4 et RC5 (NF EN 10169)	
SECTOR OF APPLICATION	Hairexcel is recommended for long lasting roofs and walls in : - Industrial or harsh urban - High humidity - Marine (double side recommended)	Performance, protection, appearance and total cost effectiveness are the factors customers take into consideration when selecting Hairexcel.
DESCRIPTION OF ORGANIC COATING		
	COMPOSITION	Front : 30 microns of primer - 30 microns of top coat Back : Class II or category CPI2 back coat
	POSSIBILITIES	Back sides : HAIRUTRA, HAIREXCEL on request
	GLOSS	Grainy appearance

COATING PROPERTIES

▶ PAINT HARDNESS		
	Pencil hardness	H-2H
▶ ABRASION RESISTANCE		
	Sand blasting	120 liters
	Taber	40 mg
▶ FLEXIBILITY		
	Brutal distortion	No peeling
	Bending	T = Radius/Thickness 2T no cracking
	Erichsen	Very good

▶ COLOUR AND GLOSS		
	Resistance to UV (lab. test)	Delta E ≤ 2 Gloss retention ≥ 80%
▶ CORROSION		
	Salt spray	1000 hours
	Humidity resistance	1.500 hours

▶ CHEMICAL AGENTS	
	Acids, bases and solvents
Acids and bases	very good
Nitric acid fumes	very good
Mineral oils	very good
Aliphatic solvents	very good
Aromatic solvents	good
Ketonic solvents	good
Chlorine solvents	good

▶ FIRE BEHAVIOR	
	Reaction to fire
M0 (M classification)	
A1 (Euroclass simple skin)	
F (Euroclass double skin)	
(see also our fire guide)	