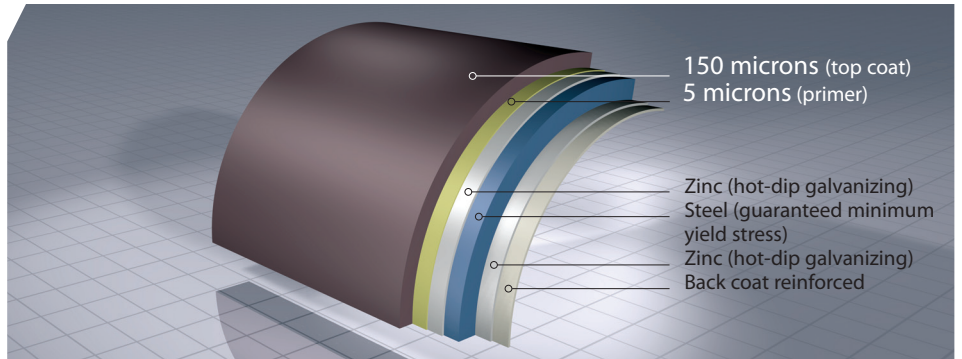


Keyron® 150 smooth

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	Polyvinyl chloride based thermoplastic resin phtalate free (PLASTISOL) : - Withstands a corrosive and aggressive inner atmosphere very well - Very good flexibility - Very good abrasion resistance due to its thickness - Smooth surface aspect	
COATING CLASS	Interior environment : class IV b (XP P 34.301) - category CPI4 (NF EN 101 69-3) Exterior environment : class V (XP P 34.301) - category RUV3 and RC5 (NF EN 10169-2)	
SECTOR OF APPLICATION	Roofing and cladding for : - Industrial environments - Marine environments - Sand wind aggression - Interior environments with high humidity	
DESCRIPTION OF ORGANIC COATING		
	COMPOSITION	Front : 5 microns of primer - 150 microns of top coat Back : Class II or category CPI2 back coat
	POSSIBILITIES	Back : 150 or 200 microns on request
	GLOSS	Nominal : 30 GU

COATING PROPERTIES

▶ ABRASION RESISTANCE		
	Sand blasting	300 liters
	Taber	30 mg
▶ FLEXIBILITY		
	Brutal distortion	No peeling
	Bending	T = Radius/Thickness 2T no cracking
	Erichsen	Very good

▶ THERMAL RESISTANCE		
	Oven	Maxi : 80 °C
▶ CORROSION		
	Salt spray	500 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	good
Aromatic solvents	bad
Ketonic solvents	bad
Chlorine solvents	poor

▶ FIRE BEHAVIOR	
	Reaction to fire
M2 (M classification)	
C-S3, do (Euroclass simple skin)	
C-S3, do (Euroclass simple skin)	
(see also our fire guide)	