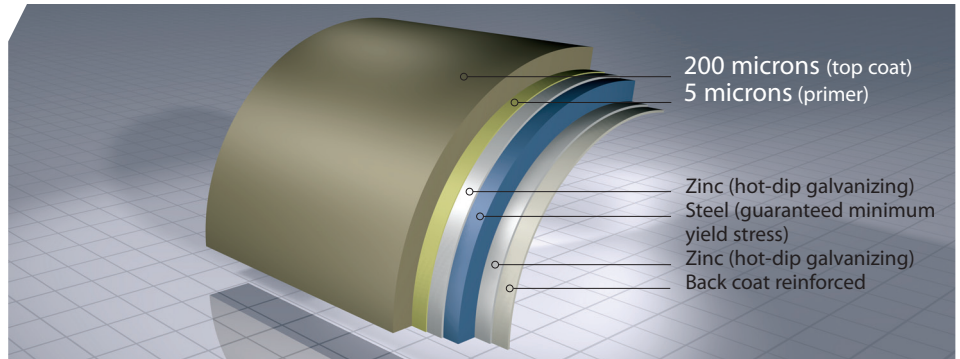


# Keyron® 200 smooth or embossed

## 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) :<br>- Withstands a corrosive and aggressive inner atmosphere very well<br>- Very good flexibility<br>- Very good abrasion resistance due to its thickness |   |
| COATING CLASS                  | Interior environment : class IV b (XP P 34.301) - category CPI5 (NF EN 10169)<br>Exterior environment : class V (XP P 34.301) - category RUV3 and RC5 (NF EN 10169-2)   |   |
| SECTOR OF APPLICATION          | Roofing and cladding for :<br>- Industrial environments<br>- Marine environments<br>- Interior environments with high humidity  |   |
| DESCRIPTION OF ORGANIC COATING |   |   |
|                                | COMPOSITION   | Front : 5 microns of primer - 200 microns of top coat<br>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     | 500 liters                             |
|                       | Taber             | 30 mg                                  |
| ▶ FLEXIBILITY         |                   |  |
|                       | Brutal distortion | No peeling                             |
|                       | Bending           | T = Radius/Thickness<br>2T no cracking |
|                       | Erichsen          | Very good                              |

|                      |                              |                                      |
|----------------------|------------------------------|--------------------------------------|
| ▶ THERMAL RESISTANCE |                              |                                      |
|                      | Oven                         | Maxi : 80 °C                         |
| ▶ COLOUR AND GLOSS   |                              |                                      |
|                      | Resistance to UV (lab. test) | Delta E ≤ 3<br>Gloss retention ≥ 60% |
| ▶ 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)        |                           |