

PHYSICAL AND CHEMICAL CHARACTERISTICS OF DECORATIVE COATING APPLIED ON ALUMINIUM PROFILES FOR ARCHITECTURAL USE

ProTek decorative aluminum powder coats are used for interior and exterior applications in healthcare, pharmaceutical, education, hospitality, and several other industries.

That is why ProTek decorative powders have been studied to resist aggressive chemical products, such as solvents, acids etc.

Using Xilene, Aceton of a 1:1 mixture of Aceton/Ethyl Acetate and Aceton/Ethanol the decorative products can be easily cleaned from indelible marker and varnish applied with spray (graffiti).

List of the principal chemical resistance

- Normal petrol	25°C x 60'	: unaffected
- Unleaded petrol	25°C x 60'	: unaffected
- Gasoline	25°C x 60'	: unaffected
- Ethanol	25°C x 5'	: unaffected
- 1:1 Mixture of Acetone and Ethyl acetate	25°C x 5'	: unaffected
- Mobil break fluid	25°C x 5'	: unaffected
- Metylketone: 10 strokes with cotton wad	25°C	: unaffected
- Acetone: 10 strokes with cotton wad	25°C	: unaffected
- HCl 0,1 N	60°C x 4h	: unaffected
- NaOH 0,1 N	60°C x 4h	: unaffected