BULLCREM LACK
POWDER COATINGS
SAVID®
STABILIMENTO E SEDE LEGALE
Via del Lavoro, 20 - 31039 Riese Pio X (TV) - Italy
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ISO 9001 BUREAU VERITAS Certification

Technical Data Sheet -version 1/2025-

PLI107550001 PES IND BLU L CA 5010

Thermosetting powder coating with specifically selected resins, additives and pigments providing outstanding general properties; suitable for outdoor decorative applications where a high outdoor resistance is not required.

Fields of application

Garden furniture, lighting systems, road signposts and other metal items for indoor/outdoor use.

Technical specifications

Surface appearance: Smooth
Color: Blue
Substrate: Iron/Steel
Theoretical Density: 1.45-1.55 g/cm³
Polymerization condition: 180°C X 20min
(actual on the piece)
Gloss (60°): 85 +/- 5
ISO 2813

Theoretical yield: multiply the average of the specific gravity by the requested thickness in microns. The obtained value is the consumption in grams per square meters

Particle size distribution

The average particle size (d50) of powder coatings determined using the LASER method is normally between 35 and 45 microns. Special particle size distributions are available upon request, depending on the needs.

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Chemical-physical characteristics
All tests were carried out in a laboratory under controlled standard conditions, using panels made from an AA 5005-H24 alloy for mechanical tests; while corrosion tests were carried out on AA 6060 alloy panels.

Mechanical tests:
Deep drawing ISO 1520 - PASS 5mm
Bending ISO 1519 - PASS 5mm
Impact resistance ISO 6272 - PASS 2.5Nm
Pencil hardness ISO 15184 - H-2H

Chemical/corrosion resistance:
Humidistat and immersion trials in distilled water: no blistering and loss of shine
Good resistance to acids, alkalis and oils at normal temperatures

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The characteristics of the product, such shine, colour and finishing may vary based on the application and polymerization conditions.
Please feel free to contact us, should you use it in direct flame polymerization furnaces.

Preparation of the surface
Thoroughly remove grease, processing residues and rust from the item.
A suitable chemical conversion is recommended to achieve a good level of protection against corrosion before coating.

Application
Do not mix this product with other powders in order to avoid possible incompatibility problems.
We recommend a film thickness between 80 and 90 microns.

Storage
The product stored in a dry place at a temperature below 30°C stays stable for at least 24 months.

The information hereby provided is the result of our experience and shall be subject to review. Data provided fall within the normal scope of the product characteristics and refer to specific materials only. Bullcrem Lack may not foresee all the variations to the final use, hence they can not provide any guarantee and shall accept no responsibility connected to the use of the aforementioned information.
The information contained in the present sheet is subject, without notice, to modifications for the continuous improvement of the product. For special information please feel free to contact our laboratory technicians.