



BULLCREM LACK

POWDER COATINGS

MANUFACTURING PLANT &
REGISTERED OFFICE
Via del Lavoro, 20
31039 Riese Pio X (TV) – Italia
Tel.: +39 0423 755 547

Technical Data Sheet

Version No. 1/2019

PLI101120001 PES IND BIANCO L CA 9003

Thermosetting powder coating with specifically selected resins, additives and pigments providing outstanding general properties; suitable for outdoor decorative applications requiring a high resistance to light and weather conditions.

Fields of application

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

Technical specifications

- Surface appearance: Smooth
- Color: White
- Substrate: Iron/Steel
- Density: 1.30-1.7 g/cm³
- Polymerization condition: 160°C @ 15'
- (actual on the piece)
- Gloss (60°): 87 +/- 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 30 and 40 microns. Special particle size distributions are available upon request, depending on the needs.



Bullcrem Lack Srl

VAT Tax payer and Company Registration No. TV 03951000243 – Treviso Economic and Administrative Database No. 373595 – Fully paid up capital Euro 500,000.00

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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 pannels.

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:

Salt spray 1000h: no corrosion, no film detachment
Humidistat and immersion trials in distilled water: no blistering and loss of shine

Good resistance to acids, alkalis and oils at normal temperatures

Outstanding resistance to the outside after a 12-month exposure without any problems of chalking, loss of gloss and/or of protective properties.

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.

The properties of the product, such as the shine, the colour and the finish may vary based on the application and polymerization conditions.



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Application

- Do not mix this product with other powders since they could be incompatible.
- Coating can be applied with both manual or automatic Tribo/Corona electrostatic spray guns.

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.



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