



BULLCREM LACK

POWDER COATINGS



STABILIMENTO E SEDE LEGALE

Via del Lavoro, 20 - 31039 Riese Pio X (TV) - Italy

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Technical Data Sheet -version 1/2025-

ELI50910H001 EPO NERO SO 5G - WPOLV033

Epoxy paint is a thermosetting powder coating for indoor purposes.

Fields of application

Product particularly recommended and used on objects for internal use, especially on products that need particular chemical resistances.

Technical specifications

- Surface aspect (finish): Smooth
- Application: Tribosystem/Corona
- Colour: Black
- Substrate: Iron/Steel
- Density: 1,45-1,6 gr/cm³
- Gloss (60°): 5 +/- 2 Gloss
ISO 2813
- Curing conditions: 190°C X 20min
(object temperature)

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.

Bullcrem Lack Srl

P.IVA, C.F. e Reg. Imprese 03951000243 – Iscrizione R.E.A. di Treviso n. 373595 – Capitale sociale € 600.000,000 Int. Vers.

Società soggetta all'attività di direzione e coordinamento della Managlio Srl

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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

Corrosion resistance

Salt spray 1000h: no corrosion, no film detachment

Humidistat and immersion trials in distilled water 1000h: no blistering and loss of shine

Chemical resistance:

good regarding bases and acids at room temperature,

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 - Pretreatment

Before coating, remove grease, oil, rust and any other material that might cause adhesion loss of the product to surfaces.

A suitable chemical conversion is recommended based on the material to coat.

Application

Do not mix this product with other powders in order to avoid possible incompatibility problems.

We recommend a film thickness between 60 and 90 microns.

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Storage

The product stored in dry conditions at temperatures lower than 30°C remains stable for at least 12 months; please check the product if you wish to use it after its expiry date.

Safety

Read and check the safety data sheet before use.

The information hereby provided are 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.

For further details please get in touch with our R&D Dept.

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