



MADE IN PAINT

# Finilac LL

Scheda Tecnica *Revisione :* *del :*

**Product's description** **Double-component, polyurethane topcoat for smooth glossy pavings.**

**Finilac LL** is a double-component paint, composed by a coloured base (A) and a pre-dosed modified polyester resins based hardener (B) containing isocyanine aliphatic, hygro-hardening polymers and weather proof, lightfast pigments. The product has got an excellent abrasability and an excellent chemical resistance to thinners, fuel, diesel oils, vegetable oils, alkaline and salt acid solutions, domestic and industrial detergents, naphtha, oil, lactic and citric acid.

**Practical advice** Suitable for industrial concrete pavings. It can be used as quick finish for epoxy resins pavings, air caution signs, concrete landing strips for helicopters; suitable for properly primed iron, galvanized iron, wood surfaces.

**Technical features**

|   |                      |   |
|---|----------------------|---|
| Aspect                                    |                      | Glossy                                  |
| Color                                     |                      | See RAL color card                      |
| Density Kg/Lt.                            |                      | 1,35 ± 0,05                             |
| Viscosity 25°C                            |                      | 100 – 140 ford 4                        |
| Solid content by volume %                 |                      | 60 ± 2%                                 |
| Theoretical spreading rate Sq.m/l – gr/m2 |                      | 6 Sq.m./l. or 225 g/Sq.m. for two coats |
| Typical thickness humid/dry micron        |                      | 100 dry – 170 humid                     |
| Mixing ratio Base/Hardener                |                      | Base 80 – Hardener 20 (by weight)       |
| Pot Life                                  |                      | 6 hours at 20 °C                        |
| Thinner                                   |                      | Polyurethane thinner DPL 330            |
| Painting method                           | Brush                | 2 – 5% max thinning                     |
|   | Roller               | 0 – 2% max thinning                     |
| Airless Spray                             | Spray ruling machine | 10 – 15% thinning                       |
|   |                      | Nozzle's diameter 1,3 – 1,5 mm          |
|   |                      | Air pressure 3 – 5 pa (atm)             |
|   |                      | 2 – 5% thinning with DPL 330            |
|   |                      | Nozzle's diameter 0,250 – 0,400 mm      |
| Drying times 25°C                         | Untouched :          | 1 hour                                  |
|   | Dry to the touch :   | 3 hours                                 |
|   | Absolutely dry :     | 24 hours                                |
| It can be trampled                        |                      | After 24 hours                          |
| Min./ Max. over-application times         |                      | 12 hours /max 5 days                    |
| Flash point                               |                      | 36 °C                                   |
| Heat resistance                           |                      | 120 °C outdoor                          |
| Shelf life                                |                      | 24 months                               |
| Standard package                          |                      | kg 20 - kg 5                            |

## Notes

Keep in a cool and dry place, with the tins tightly closed and protected from frost.

## Application instructions

### Preparation of the surfaces

New iron: brush off any rust and working flakings, or sand, degrease and apply a double-component primer Primepox (brushing), or a cold galvaniser Zincometal (sanding). Afterwards, apply two coats of **Finilac LL**.

Painted iron: sand and remove mechanically any trace of old chalking paintwork; apply over uncoated areas one coat of double-component primer Primepox. After drying, apply evenly over the whole surface two coats of **Finilac LL**.

Galvanized iron: degrease by solvent, remove any trace of grease, which is typical of these kind of substrates, otherwise the adhesive power of the product could be compromised. Apply one coat of self-anchoring primer for galvanized sheet iron, Zincofond bicomponente. After drying, apply evenly over the whole surface two coats of **Finilac LL**.

Cement-concrete pavings: : check that the surface has been seasoned for at least 28 days. In case of chalking and dusty pavings, clean well and wash out with an acid solution to remove chemically the surface peeling carbonation. Let dry and apply, according to the surface porosity, one or two coats of double-component strengthening, penetrating water based primer Emultex wp. Allow 12-24 hrs. drying. Apply evenly two coats of **Finilac LL**.

Application notes: do not apply over surfaces showing rising damp.

Do not apply at temperatures below 5 °C or with relative humidity above 65%, because this can cause surface defects and film bleaching.

Wash tools with thinner after use.

If the second coat is applied 5 days later than the first one, it is necessary to sand the substrate, to obtain the maximum adhesive power of the product.

**It is recommended for** Marine, industrial, urban environments.

**It is not recommended for** Humid surface with residual humidity above 4%.

**Recommended primers and intermediates** Primepox, Epofond, Zincometal, Zincofond bicomponente, Emultex wp.


**Safety precautions** The product is inflammable. Respect the safety norms in force for transport, storage and application. Do not waste the empty tins in the environment, let them dry and dispose them of as special waste; during application (especially spray application), it is necessary to air properly the working area.

**Tender Item** Application of **Finilac LL**, double-component, polyurethane, modified polyester and isocyanine resins based enamel, with weather proof and lightfast dyeing pigmentation, having high mechanical strength, to be applied in two coats, with a consumption of 0,225 kg/Sq.m., excluded practical operating loss.

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