

TECHNICAL DATA SHEET

INDUSTRIELAK

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Alkyd finish paint for in- and outdoors.
Weather resistance, high gloss and long lasting gloss retention.
Good hiding power, easy to apply.

Application as finish layer on a.o. finish wood and steel construction in rural, light industrial and maritime environment.

PRODUCT INFORMATION

Type of paint	One component alkyd paint
Finish	High Gloss
Colour	RAL
Density	1.0 -1.2 kg/L
Solids content	53 – 54 vol%
VOC (Volatile Organic Compounds)	380 g/L
Recommended wet film thickness (WFT)	70-80 µm
Recommended dry film thickness (DFT)	40-60 µm
Theoretical spreading rate (DFT = 40 µm)	12 m ² /L
Practical spreading rate (Depending on several factors like shape of object, profile of surface, method of application, application circumstances and experience)	Brush/Roller: 85-90% of the theoretical spreading rate Spraying: 50-70% of the theoretical spreading rate.
Flashpoint	39°C
Dry temperature resistance	95°C

DRYING TIMES

For d.f.t. up to 60µm 20°C

Dust dry	45 min
Manageable	24 hours
Overpainted	
Minimum interval	24 hours
Maximum interval	Unlimited*

*provided that the surface is dry and clean

Film thickness, ventilation, temperature and relative humidity are of great influence on the drying times.

Transportation and assembling: Easily damageable in case of thick layers.

APPLICATIONS-INSTRUCTIONS

Application conditions

During application and hardening the temperature should be above 5°C to attain maximum resistance against chemical and mechanical influences.

Application at lower temperatures (up to 5°C) is possible, however hardening will take considerable more time and complete resistance will be achieved much later.

The surface should remain free from water and ice and the temperature of the surface should at least be 3°C above dew point.

During application and hardening in closed or small spaces, it is necessary to refresh the air continually to remove the solvent vapours, this because of drying, health and safety.

Usage information	Airless	Airspray	Brush/Roller
Type of thinner	Thinner S	Thinner S	Thinner S
Recommended thinner	0-10 vol%	5-10 vol%	0-5 vol%
Nozzle orifice	0.28-0.33 mm 0.011-0.013 inch	1.5 mm	/
Nozzle pressure	120-140 bar	2-3 bar	
Cleaning	cellulose thinner	cellulose thinner	cellulose thinner

SURFACE CONDITIONS

Steel:

New steel:

As primer All Meta Prim can be applied.

Repair and maintenance:

Clean the surface thoroughly with suitable cleaning preparation or by steam cleaning.

Remove salts and other water-soluble impurity by spraying with clean tap-water under high pressure.

Remove rust a.o. by blasing Sa2½ or derust mechanical until St.2-3

Apply the advised paint system on a clean surface.

- Mechanical or hand derusting gives less quality than blasing and will result in less protection of the applied paint system.

DURABILITY

At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot.

PACKAGING

1 L – 5 L - 20 L - Vat

These data have been drawn up to the best of our knowledge and were correct at the data of issue. However we cannot accept full responsibility, because de choice of products and circumstances during elaboration of the systems fall outside our judgement. This documentation sheet will not automatically be replaced in case of modification.