



LEADING THE WAY

EMBLEM Easy Gloss Coat / Easy Matt Coat

Easy Gloss Coat / Easy matt Coat is a water based clearcoat (one- component), its basic is acrylate. It is used as transparent, high- gloss/matt coating on PVC and other vinyl-films for indoor applications.

Matchcode:	EMBLEM Easy Gloss Coat / Easy Matt Coat
Basic:	aqueous acrylatic-emulsion
Colour:	glossy / matt
Wet film:	50 - 70µ depending on application
Dry film:	25 - 35µ depending on application
Spreading rate:	15 - 20 sqm per kg
Solids content:	40,0 - 45,0 %
ph-Value:	7,5 - 8,5
Viscosity (20°C):	15-25 sec. (4 mm flow cup)
Specific gravity:	1,04 g/cm ³ / density (20°C)
Neutrality:	ammonia
Solubility:	deioned water

SPREADING RATE:

Solids-content	Thickness wet g/m ²	Thickness dry g/m ²	Coated Surface m ² /kg	kg for surface of 80 sqm
43%	60	25,8	17	4,8

Different printers, inks, resolutions and printing qualities result into numerous different printing parameters. In addition, there a numerous factors influencing processing and the application of our materials. For this reason, we cannot make specific statements as to drying times and maximum ink absorption. For this reason, we recommend you to perform own tests in order to verify the desired results. Our product specifications are not to be understood as legally binding guarantees assuring specific characteristics. Any liabilities and guarantees, as well as claims for compensation beyond the value of the product itself are excluded.



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EMBLEM Easy Gloss Coat / Easy Matt Coat

Description:

Easy Gloss Coat / Easy Matt Coat is a water based clearcoat (one- component), its basic is acrylate. It is used as transparent, high- gloss/matt coating on PVC and other vinyl-films for indoor applications. The substrates printed with pigmented solvent inks (logos, lettering, pictures) are protected against attrition and decomposition. Substrates applied with this liquid laminate achieve also an outstanding colour brilliance.

Processing:

Protect against cold. Don't store or use the lacquer below +5°C. The product may be stored at least 6 months if kept in tightly closed container and below 25°C.

Application:

The product can be apply by usual methods: spray, roll flow and print (offset, screen printing). The viscosity of the lacquer was adjusted for manual application by roll (e. g. Velours). For spraying or automatic application further adjustment can be necessary. In this case a dilution of max. 5% water is possible.

Spray gun:

Viscosity:	18-22 sec.	Dilution:	water	Nozzle:	1.2-1.6 mm
Pressure:	3-4 bar	Spraying:	1-2		

Drying-Conditions:

The laminate is a self-crosslinking product. It can be dried by room temperature and forced drying.

Drying time (for 25 µm dry film):

Dry at room temperature (20-25°C) after 30-45 min. After 12 hours the layer is dry-to-touch and can be rolled. Forced drying (60-80°C) after 30-60 sec.

After around one week the cross-linking process is finished and the ready surface has reached its definite chemical resistance and physical properties.

In all cases of Emblem coating-systems, the stamp of the single characteristics depends very strongly on the respectively related underground (substrate and/or inks). For this reason we recommend to make trials in every special case.

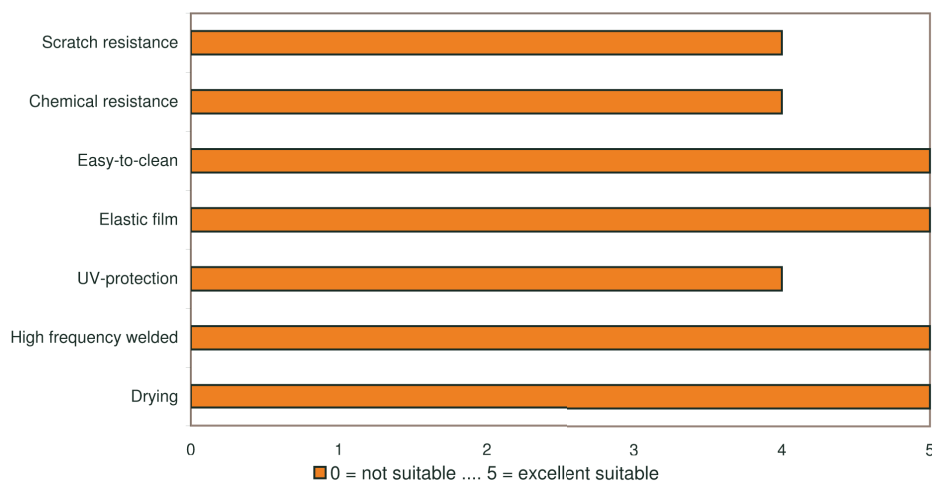


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Description:

Without pre-treatment the system is suitable for all PVC and vinyl plastics. With corona pre-treatment the system is suitable as a coating for all kinds of plastics. In each case the viscosity of the formulation is to be adapted by dilution with water. Coated surface can be coated twice within 12 hours.



Suitable Substrates:

Plastic-Films: PVC

Plastics: Polycarbonat, all kinds of vinyl-plastics

Textiles/paper: Mesh, Canvas, Wallpaper

With corona pre-treatment the system is suitable as a coating for all kinds of plastics.

Properties:

Transparent, high-gloss or matt

High flexibility

Scratch resistance, mechanical properties, hard and abrasion resistant

High chemical resistance

Easy-to-clean

UV-protection

Elastic film (over 200%)

Blocking temperature 145°C, cold stable until -20°C

Plasticizer blocking feature

High frequency welded

Coated surfaces can be varnished after 12 hours