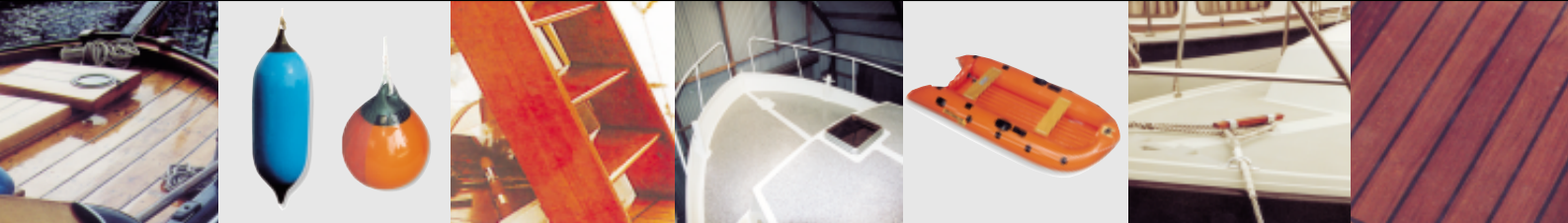


## BOAT COATING

ISSUE: 07.09



### LONG- LASTING PROTECTION- TRANSPARENT OR COLOURED- FOR COATING WOOD, METAL AND PLASTIC

Old, grey boat decks appear as new with the COELAN®-BOAT COATING and remain protected over many years.

It is advisable to permanently protect also new wooden surfaces with the COELAN®-BOAT COATING against weathering.

Also strongly frequented areas like companion ladders can be given an abrasion resistant and skid-proof coating.

Even glass-fibre reinforced plastic and aluminium boats, as well as plastic surfaces (inflatable dinghies, boat cushions, fenders etc.) can easily be coated with the coloured coating.

### TRANSPARENT AND COLOURED – TOUGH ELASTIC

Thanks to its exceptional qualities, particularly its extremely good weather resistance, our COELAN® Boat Coating is an absolute top product with the long-lasting durability that boat owners have always wanted.

### ESSENTIAL CHARACTERISTICS:

- ▶ absolutely UV-resistant and light-stable
- ▶ highly elastic – yet extremely hard-wearing
- ▶ long service life
- ▶ crack bridging – due to its high elasticity
- ▶ permeable – lets wood survive
- ▶ easy to apply because ready for use
- ▶ for wood, steel, aluminium and polyester substrates
- ▶ for inflatable dinghies, fenders, boat cushions, etc.
- ▶ unlimited possible applications in and on the boat
- ▶ absolutely non-slip coating easily achieved
- ▶ fabrication of coloured material by using our special Colour Paste to colour the transparent coating

creme-white approx. RAL 1013	orange approx. RAL 2004	bright red approx. RAL 3000	silver grey approx. RAL 7001	mahogany approx. RAL 8016	black approx. RAL 9005	pure white approx. RAL 9010	transparent

# GUIDELINES FOR THE APPLICATION OF COELAN® BOAT COATING

## 1. PREPARATION

- ▶ Always remember that each coating can only be as good as the primed surface to which it is applied.
- ▶ For a perfect bond, it is absolutely necessary to have dry, clean and firm surfaces which are free of oil and grease.
- ▶ Any sanding dust must be carefully removed by a strong rub down and then all traces must be removed with a vacuum cleaner. Cleanliness is vital for superb coating surfaces.
- ▶ Do not clean the substrate with solvents.
- ▶ Dry sanding with sandpaper grain size 80. is recommended for untreated wooden surfaces (coarse wood).
- ▶ Any remaining previous coats of paint must also be thoroughly sanded with sandpaper, grain size 80.

## 2. PRIMING

- ▶ **Substrate: WOOD.** Apply our COELAN® Boat Primer – transparent-red, -yellow or -brown. Use a foam roller or brush to apply a generous quantity, following the grain. Consumption depends on the absorbency of the substrate, and should be approx. 100 ml per m<sup>2</sup>.
- ▶ **CAUTION:** if even after priming you can still feel wooden splinters because of the particular type of wood concerned, sand the surface again gently before applying the coating.
- ▶ **Substrate: SYNTHETIC LEATHER, PVC** (such as inflatable dinghies, fenders, boat cushions etc.) which need to be colour coated should be coarsely sanded with sandpaper, grain size 80, and given a thin coat of our FLEXO PRIMER (approx. 50 – 70 ml/m<sup>2</sup>). Drying time approx. 30 min. Afterwards the coating can directly be applied.
- ▶ **Substrate: POLYESTER, EPOXY RESIN, VARNISHED WOOD** and **STEEL SURFACES** do not need to be primed, but must be sanded with sandpaper, grain size 80.
- ▶ **CAUTION:** On certain plastics such as polyethylene, polypropylene, silicone, whisker reinforced plastics etc., it is not possible to achieve any adherence. Please test the substrate beforehand. Surfaces may never be rubbed or cleaned with solvents before being coated.

## 3. COATING - TRANSPARENT - GLOSS

- ▶ The COELAN® Boat Coating has to be applied in several uniform layers up to a total film thickness of approx. 1 mm, which will be achieved by a consumption of 1000 ml/m<sup>2</sup>. Please note that this film thickness is required to achieve the desired long-term protection.
- ▶ On horizontal areas, the individual coats can be applied evenly and in a good quantity (5 coats) so as to run into itself, using a brush or solvent-resistant foam roller.
- ▶ On vertical areas, the coating should be diluted between 10%-30% with our COELAN® Thinner depending on relative humidity. This will avoid a "settling down" of the material. The number of individual coatings then has to be increased accordingly (approx. 8 to 10 coats).

- ▶ Depending on atmospheric conditions and relative humidity, the drying period for each coat is between 2 to 6 hours. Intermediate sanding will only be necessary when there are longer intervals between applying the coats, i.e. approx. 2 weeks. The individual layers may not be cleaned or rubbed down with solvents.
- ▶ Particularly good results can be achieved by spray painting. The viscosity has to be adjusted to the spraying method using our COELAN® Thinner (e.g. at low pressure 0.7" nozzle to 40-35 DIN sec. – DIN 4-measure). Please note that spraying losses result in greater consumption rates!

## 4. COATING – COLOURED - GLOSS

- ▶ The coloured COELAN® Boat Coating is specially used for renovating older polyester boats. The gel coat provides hair cracks with a durable cover.
- ▶ Steel and colour painted wooden substrates can also be provided with a durable protection by our Boat Coating.
- ▶ The desired colour can be produced by adding our COELAN® Colour Paste (contents: 37 ml/tube) to the transparent coating and then stirring with a paddle (colour chart see front page).
- ▶ Consumption of colour paste: 1 tube for 375 ml Boat Coating (2 tubes for 750 ml – 8 tubes for 3 litres). The mixed material should be applied immediately.
- ▶ For further information regarding pre-treatment of the substrate and application, see point 2 and 3.

## 5. TOP COAT – TRANSPARENT – SILK FINISH

- ▶ If a silk finish surface is required, the above mentioned coatings can be covered with COELAN® Boat Coating Silk Finish as soon as the last coat has dried. Please do not apply this coat too thickly, as otherwise the silk-finish effect will not be achieved. Consumption will be approx. 200 ml/m<sup>2</sup>.
- ▶ **NOTE:** Please do not apply the silk-finish top coat to deck surfaces because of the danger of skidding.

## 6. ANTI SLIP PARTICLES

- ▶ Where resistance to skidding is vital, our ANTI SLIP particles have proved to be the best remedy.
- ▶ For treating larger areas, our ANTI SLIP material can naturally also be scattered into the still wet coating using a sieve. Consumption approx. 50 – 100 g/m<sup>2</sup>.

The following pack sizes are available:

A. Boat Primer	yellow pigmented, 750 ml tin
B. Boat Primer	red pigmented, 750 ml tin
C. Boat Primer	brown pigmented, 750 ml tin
D. Boat Coating	transparent - gloss, 375 ml tin, 750 ml tin, 3 l pail
E. Boat Coating	transparent - silk finish, 375 ml tin, 750 ml tin
F. Boat Coating	coloured - gloss, all 7 colours can be obtained with our COELAN® Colour Paste
G. COELAN®	Colour Paste, 37 ml tubes
H. Anti Slip Particles	300 g tin
I. FLEXO Primer LE	Light stable, 250 ml bottle
J. FLEXO Primer	(only to be used for a coloured coating !!!) 250 ml bottle
K. COELAN® Thinner	1 l bottle

This technical information aims to help and advise to the best of our ability. We do however draw your special attention to our "Advice for COELAN® Boat Coatings" which deals with other surfaces and aspects in greater detail. All advice given is unbinding due to possible conditions of application beyond our control. Furthermore we reserve the right to make technical changes and modifications in the interests of technical progress. Publication of this edition makes prior technical information void. If you have any questions, please do not hesitate in contacting our special technical advisory service. Agreements and guarantees must be drawn up in writing. Please therefore ensure that all verbal agreements are confirmed in writing. furthermore subject to our General Conditions of Sale and Delivery.

Local dealer:

