

FICHE TECHNIQUE



# DECK LINE

## SOFT ANTI-SKID

Polyurethane system designed to create a soft anti-skid coating for pleasure and race boats deck, deep-sea navigation, or all types of surface. Flexible paint.

## VERSION « PLEASURE BOATS »

### FEATURES

DECK LINE is a soft polyurethane paint system, charged of elastomer powder to obtain a film of 500 to 600 dry microns (0.5/0.6mm).

DECK LINE is:

- Flexible
- Explosion-proof
- Resistant in marine atmosphere
- Can be applied on all primerized surface : concrete, composite, steel, aluminium, wood and plywood...

DECK LINE insure:

- soundproofing
- a long anti-skid efficiency in exterior atmosphere
- a excellent security
- a good protection against shocks and abrasion
- do not damage skin and special marine clothes.

### RECOMMENDED USED

DECK LINE, version « Pleasure boats » is suit for:

- All type of pleasure boat deck
- Race boat deck
- Deep-sea navigation deck
- drifter, multihulls,...
- gangway
- pontoons
- border of swimming pool, diving board
- roof, exterior stairs...
- tools sleeve

DECK LINE can be applied:

- fine cellular roller
- Spray gun gravity or gravity under (contact us) tipe sizes 3,5 mm- Type Airgussa 3,5

### SPECIFICATION DATA

**COATING TYPE** : Ultra flexible polyurethane coating

**COMPONENT** : RESIN – HARDENER – POWDER (dry elastomer colored particule - size around 400 µm)

**COLOR** :

Resin : light amber

Hardener : Incolore

Powder : consult color card

T11 Pearl grey – T12 Standard grey – T14 Dark grey - T 18 Red fireman- T20 Off white – T21 Greige – T23 Sand – T25 Orange- T35 Oxyde red - T52 Light blue – T53 Blue – T62 Almond green – T65 OTAN green – T84 Wood - T95 Black

**GLOSS** : Mat

**DENSITY AT 23°C (humide film)** : around 1,7

**DENSITY (dry film)** : around 1,30

**VOLUME SOLIDS** : Resin : 80 to 90%

Hardener : 0,83 to 0,85 %

**VOC** : RESIN 16,9 % - HARDENER 848 gr/L

**INDUCTION TIME** (at 20°C) : 10 to 30 minutes for spray gun application

**POT LIFE** : 30 to 40 minutes for 500 ml of mix

**THINNER** : DECKLINE THINNER

**COMPONENT RATION (FOR EACH COATS) :**

- Weight : 100g Base / 20g Hardener/ 80g Powder

- Volume : 100 Base / 25 Hardener/ 135 Powder

**THEORETICAL SPREADING RATE AND RECOMMENDED**

**COAT NUMBER :**

**Roller : Thickness : 0,5mm**

2 to 3 coats 250g to 300g/m<sup>2</sup> of mix on smooth surface.

Total weight of product wet applied:

2 coats: 500 to 600 g/m<sup>2</sup> - 3 coats: 800 to 900 g/m<sup>2</sup>

Total weight of dry film :

2 coats: 380 to 460 g/m<sup>2</sup> - 3 coats: 600 to 690 g/m<sup>2</sup>

**Spray gun : Thickness : 0,5mm**

2 to 3 coats 150g to 180g/m<sup>2</sup> of mix on smooth surface apply wet on wet

Total weight of product wet applied: 400 to 540 g/m<sup>2</sup>

Total weight of dry film : 300 à 420 g/m<sup>2</sup>

**DRYING TIME** (18 to 23°C - 65% HR) :

Dust free : 30 minutes

To handle : 1 hour

Available : minimum 24 hours

**DRY TIME TO RECOAT** (at 65% HR) :

Minimum : 1 hour at 18°C / 30 to 40 minutes at 25 to 28°C

Maximum : 24 hours

## SURFACE PREPARATION

All surfaces must be free of grease, dust, water marks and moisture.

Cleaning agent : White spirit®

**Steel:** After sandblasting (SA 2,5) apply EPOXY PRIMER EP 211(60µm), then UNDERCOAT EP 213 or 215 (120/130µm) and to finish PORE FILLER PU 228HB (60/80µm).

**Aluminium :** after sandblasting (SA 2,5) or grinding or METAL CLEANER treatment, apply EPOXY PRIMER EP 140 or EP 211 (40µm), then UNDERCOAT EP 213 or 215 (100/120µm). Finish with PORE FILLER PU 228HB (60/80µm).

**Concrete :** after 28 days of dry time, surface have to be granulate or strip or plane. Then, apply one coat of WOOD IMPREG 120 (80/100µm)

**Epoxy composite and old epoxy paint :** Delamination of peel ply or cleaning. After sanding, apply UNDERCOAT EP 213 or 215 (100/120µm), then PORE FILLER PU 228HB (60/80µm)

**Gelcoat Polyester : Diamant surface :** HP washing and cleaning, then metallic brushing. **Smooth Gelcoat :** cleaning and sanding, and apply one coat of PORE FILLER PU 228HB (60/80µm)

**Wood and Plywood :** sanding, dust removal, then apply one coat of WOOD IMPREG 120 (80/100µm). Finishing with PORE FILLER PU 228HB (60/80µm).

PORE FILLER PU 228HB must be recoated by DECK LINE during the day.

For all other kind of application, contact our technical department

## MIXING AND THINNING

After mixing the resin portion, add the hardener slowly with continued agitation. Introduce powder and continue to mix slowly to obtain an homogeneous and smooth mixture.

**ROLLER APPLICATION :** Wait 5 minutes for induction time – not necessary if T° >25°C,

In case of high T°, use DECKLINE THINNER : 5 to 10 %

Pour a small quantity of product on the support and spread it in a regular crossed coat with a special fine cellular roller. Always look for the homogenize mix during the application. Final aspect will depend of the application quality. No gloss aspect recommended.

**SPRAY GUN APPLICATION :** Induction time :5 minutes between 23 to 28°C and 15 to 20 minutes between 18 to 23°C.

Dilution : 10 à 15% of mix (20% is the max). Apply 2 to 3 fine crossed coats, wet on wet. To regulate the aspect, apply with a rapid gesture, jet mid-round, pulverization at 40 to 50 cm of surface. SPRAYGUN recommended : AIRGUNSA 3,5 mm.

You must check the viscosity every 20 to 30 minutes. Do not forget to mix after every dilution.

## APPLICATIONS

APPLICATION METHOD		THINNING	TIP SIZES	PRESSURE
ROLLER	YES	0 to 10%	3,5 mm	4 to 5 BARS
SPRAY GUN GRAVITY	YES	10 to 20%		

### APPLICATION CONDITIONS :

Optimum : 18 to 25 °C for 75 % HR

Limit : 15 to 35°C for 50 to 80 % HR

The surface temperature must be at least 3°C above the dew point to avoid any condensation - consult the conversion table available at Map Yachting.

**CLEANING :** Brush with water based cleaning agent. In case of HP washing, do not spray too close.

Do not used soude, chlorine or acid based cleaning agent. Rinse with plenty of water.

Renewal od old anti-skid (deckline or TBS®) : degreasing (light alcaline washing powder), rince with plenty of water, let dry, sanding, dust removal, Then, apply the new DECKLINE.

**Use MEK or acetone to clean and rince application materials.**

## PRECAUTIONS AND SHELF LIFE

See the material safety data sheet and product label for complete safety and precaution requirements

**PACKAGING :** KITS of 2 kg, 4 kg, 8 kg, 16 kg, 40 kg

**ONU / UN :** 1263 for resin and hardener – Powder : not dangerous product

**SHELF LIFE:** Resin: 12 months Hardener/thinner : 24 months Powder : ilimited in original unopened cans at + 5 and + 35 °C away from humidity

Resin: 9 months Hardener/Thinner : 18 months Powder : ilimited in tropical climate

**FLASH POINT:** Resin : 23°C. < Flash poinr <= 55°C Hardener/Thinner: <= 21°C

**LABEL:** Resin = Xn : Harmful Hardener/Thinner = Fi : Highly flammable Xi : Irritant

