



DECK LINE

SOFT ANTI-SKID

Polyurethane system designed to create a soft anti-skid coating for boats deck, Work boat deck, or all types of surface under high traffic. Flexible high thickness paint.

VERSION « PRO »

FEATURES

DECK LINE is a soft polyurethane paint system, charged of elastomer powder and elastomer granules to obtain a film of 2,5 to 5 mm.

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 insures:

- 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

Apply DECK LINE version « PRO » like PLEASURE BOATS Version with flexible elastomer granules sprinkling (0,5 to 1,5 mm or 1 to 4 mm)

DECK LINE, version « PRO » 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 Airgunsa 3,5

SPECIFICATION DATA

COATING TYPE: Ultra flexible polyurethane coating

COMPONENT: RESIN + HARDENER + POWDER (dry elastomer colored particule - size around 400 µm) + **GRANULS** (from 0,5 to 1,5 mm or from 1 to 4 mm)

COLOR: MAT

Resin: light amber

Hardener: Colorless

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

Granules : Red, grey, beige

GLOSS : Mat

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

DENSITY (dry film) : around 1,30 to 1,35

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 minutes

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

THINNER : DECKLINE THINNER

COMPONENT RATION (MIX) :

First coat:

- Weight: 100g Base / 20g Hardener/ 60g Powder

- Volume: 100 Base / 25 Hardener/ 100 Powder

Next coats:

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

- Volume: 100 Base / 25 Hardener/ 135 Powder

THEORETICAL SPREADING RATE AND RECOMMENDED COAT NUMBER :

First coat: 300gr to 350gr/m² of mix on smooth surface and

500 gr to 600 gr of mix total on rough surface. Then sprinkle

granules: 500 gr to 600 gr/m² among them 100g/m² of granules collected after drying by vacuuming or sweeping

Second coat: granules' coating: 700 to 800 g/m² of mix

Total weight of product wet applied: around 1700 g/m²

Total weight of dry film: 1300 g/m²

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 and 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) or INTERFACE EPU 221 (20/30µm)

Aluminum: 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) or INTERFACE EPU 221 (20/30µm)

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) and to finish PORE FILLER PU 228HB (60/80µm) or INTERFACE EPU 221 (20/30µm)

Epoxy composite and old epoxy paint: Delamination of peel ply or cleaning. After sanding, apply UNDERCOAT EP 213 or 215 (100/120µm), then, to finish PORE FILLER PU 228HB (60/80µm) or INTERFACE EPU 221 (20/30µm)

Gel coat Polyester: Diamant surface : HP washing and cleaning, then metallic brushing. **Smooth Gel coat:** cleaning and sanding, and apply one coat of PORE FILLER PU 228HB (60/80µm) or INTERFACE EPU 221 (20/30µm)

Wood and Plywood: sanding, dust removal, then apply one coat of WOOD IMPREG 120 (80/100µm). Finishing with PORE FILLER PU 228HB (60/80µm) or INTERFACE EPU 221 (20/30µm)

PORE FILLER PU 228HB must be recoated by DECK LINE during the day or before 24 hours. INTERFACE EPU 221 (20/30µm) must be recoated by DECK LINE before 72 hours. 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 a homogeneous and smooth mixture.

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

In case of high T°, use DECKLINE THINNER: 5 to 10 %. You must check the viscosity every 20 to 30 minutes. Do not forget to mix after every dilution.

Application: 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.

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 sod, chlorine or acid based cleaning agent. Rinse thoroughly.

Renewal of old anti-skid (Deckline or TBS®) : degrease (light alkaline washing powder), rinse thoroughly, let dry, sand, dust removal, Then, apply new DECKLINE.

Use MEK or acetone to clean and rinse application materials.

PRECAUTIONS AND SHELF LIFE

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

PACKGING : KITS of 2 kg, 4 kg, 8 kg, 16 kg, 40 kg

ONU / UN : 1263 for Resin and Hardener – Powder/Granules : not dangerous product

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

Resin: 9 months **Hardener:** 18 months **Powder/Granules :** unlimited in tropical climate

FLASH POINT: Resin: 23°C. < Flash point <= 55°C **Hardener :** <= 21°C

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



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