

INTRODUCTION

Quick notes:

- 1-component compound,
- non-skid achieved via texture,
- easy to apply,
- uniform result.

PRO-DECK 201 is a 1-component polyurethane compound used to create textured non-skid surfaces for decks on recreational crafts. It is very easy to apply and gives a uniform result.

APPLICATION METHOD

Applied using mohair roller.

FEATURES & LIMITATIONS

- One component PU,
- non-skid via texture,
- flexible,
- gloss result, easy to clean,
- UV resistant,
- deck waterproofing,
- can be repaired locally,
- for recreational foot traffic.
- If substrate is in a different colour, total hiding may not be achievable.

PRODUCT DATA

PRO-DECK 201: Compound properties	
Specific weight <i>ISO 2811, approx., kg/lt</i>	1.3
Viscosity (Brookfield) <i>@ 25 °C, ASTM D2196-86, approx., cP</i>	30,000
Solids content <i>Internal, approx., %</i>	90

TECHNICAL DATA SHEET

PRO-DECK 201: Coating properties	
Hardness <i>Shore A, ISO R868</i>	90
Elasticity <i>@ 23 °C, ASTM D412, approx. %</i>	100
QUV accelerated weathering test <i>(4hr UV, @ 60 °C UVB, 4hr COND @ 50 °C), 2,000 hours, ASTM G53</i>	passed
Permeability to water vapor <i>ASTM E96 (water method), gr/m².h</i>	0.8
Service temperature <i>°C</i>	-40 to 80
Thermal resistance <i>100 days @ 80 °C, EOTA TR011</i>	passed
Max. short time (shock) temperature <i>Internal, °C</i>	200

CURING SPEED

PRO-DECK 201 offers a relatively longer working time and, as a result, longer open boundary time. This gives the user sufficient time to uniformly spread the compound on the surface, work the layer to produce a uniform texture and connect to a segment done previously.

PRO-DECK 201: Curing speed			
	10 °C	20 °C	30 °C
Working time / open boundary time, mins	5	4	3
Minimum recoat time, hrs	5	4	3
Dry to walk, hrs	48	36	24

CONSUMPTION

Quick notes:

- 230 ml/m² per coat,
- 460 ml/m² for 2 coats.

The consumption of PRO-DECK 201 is 230 ml/m² per coat. We recommend 2 coats for best results.

THINNING

Use T2.1 thinner. PRO-DECK 201 requires minimal thinning, only to the point where it can be roll applied but still relatively thick. Start at up to 5% and only add more if you need to improve workability.

SURFACE PREPARATION

Quick notes:

- Limit application area with tape,
- fair at 180 or less,
- clean,
- add second set of tapes if applying 2 layers of PRO-DECK 201.

Limit the area of application using a wide masking tape. The surface must be faired at #80-180 grit, taking care, as much as possible, not to damage the tape. Clean using compressed air / dry cloths / PRO-CLEAN X. Replace damaged tapes. If you are applying two coats, apply a second narrower set of tapes on top of the first set, aligned to the inside edges. This way, you will remove 1 set after each coat. If at the edges there are fittings or vertical sides, cover them too as when applying PRO-DECK 201 we often have to roll over the tapes in order to get a uniform layer.

APPLICATION

Quick notes:

- 1 thin coat of PRO-PRIME 951,
- when touch dry, apply PRO-DECK 201,
- remove masking tapes within 1 hour.

STEP 1: PRIMER

Using a foam roller, apply one very thin coat of PRO-PRIME 951, our 1:1, water based, adhesion promoting epoxy primer for decks.

Proceed to step 2, as soon as PRO-PRIME 951 is touch dry and within 24 hours.

Clean tools and equipment with water.

STEP 2: APPLYING PRO-DECK 201

Applying 2 coats of PRO-DECK 201 is recommended as it provides better coverage and a more pronounced texture. The following instructions apply to both coats.

Add up to 5% thinner T2.1 in can and stir until uniform and smooth. Poor a small amount on the application area and spread using a roller. Add more thinner only if unable to spread. Spread in various directions in order to achieve uniform thickness and coverage in your current section. At first you will notice a long streaked texture in some parts (too much product) and small specs in other (not enough). Roll from the former to the latter until you have a uniform texture. Roll well past the inside edge on the tape in order to have good coverage at the edges too (this is why we propose the use of wide tapes).

Once you have achieved good coverage of the segment you are working on, spend a few moments to finalize the texture. For best results, roll at a constant speed using light pressure. As you continue rolling, the roller will feel 'heavier' and the texture will be more and more dense and aggressive. The peaks of the texture will, at first, appear pointy but will gradually subside to a more rounded shape. However, there is a point after which these pointy peaks will not subside any more. We advise you to stop rolling before you reach this point. A pointy texture will not look uniform and will also not last, as it will be fragile. We suggest you run a test on a piece of wood or carton in order to get a feel of when this happens.

Once you are happy with the texture, you are ready to move on to the next segment.

A few points to remember:

- For all segments, we suggest that the final roll passes are all in the same direction, usually towards the stern. This makes the end result more uniform.
- You have up to about 1 hour to remove tapes from each segment.
- You may have to change rolls every few segments as they become saturated. Rolls can be cleaned with PRO-CLEAN X, however, make sure they are dry before re-using.

REPAIR

To repair a damaged area, use a Scotch-Brite pad to clean and fair the surface. Wash well with soap water and let it dry. Use masking tape to limit the area and apply one coat as described above.

EQUIPMENT CLEANING

Clean tools and equipment using PRO-CLEAN X.

PACKAGING

750 ml.

PRO-DECK 201

ANTI-SKID COATING FOR RECREATIONAL TRAFFIC

TECHNICAL DATA SHEET



STORAGE & SHELF LIFE

At least 12 months from the date of manufacture in the original sealed container. The ideal storage temperature is 10-30 °C and up to 55% humidity.

SAFETY

Apply in well-ventilated spaces. Follow personal safety guidelines including the use of proper mask and protective clothing.

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