

RADIAL FENDER

assembly instructions



RADIAL[®]

RADIAL PROFILES – ASSEMBLY INSTRUCTIONS



PROJECTED AND DESIGNED BY TESSILMARE IN ITALY

PATENTED



TOOLS



A4 (316 L) type self-drilling screws
Flat Head Style (TPS)
For RADIAL 30: Phillips Screw Size N. 6, Head 6,8 mm, Shank 3,5 mm
For RADIAL 40: Phillips Screw Size N. 8, Head 7,5 mm, Shank 3,9 mm
For RADIAL 52, 65, 80 and 100: Phillips Screw Size N. 10, Head 9,5 mm Shank 4,8 mm

WARNING: it is better not to use A2 screws



Drill and Screwdriver



Tip 4/4,2 mm



Industrial dryer, only for application with difficult bends



Cutter

IMPORTANT:

Track and Soft Profile have to be mounted with the longer lips downward (to adhere in beating to the joining step of the hull with the deck) to conform to the hull to deck joint.

For applications on flat surfaces please contact our customer service.





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1. APPLICATION OF THE RIGID TRACK IN DURALENE



The track, in PVC rigid is very elastic can be cold fitted and it follows perfectly the bends of the boat except very acute bending radius (also only 8/10 cm – see tab.)

If the radius to follow are lower than these values, please contact our customer service who will give you personal advice.

The track can be fixed with blind rivets or self drilling screws in stainless steel A4 (316).

It is recommended not to use strong heat sources, that would damage the track irreparably.

2. APPLICATION OF THE PVC PROFILE



The external profile can be installed cold for the sizes 30-40-52, but a night in a warm environment will make the operation easier.

For the sizes 65-80-100 a pre-heating is necessary, you can use a tank of water and an industrial stove leaving the profile to soak for 30/60 minutes at 40-60° degrees, or an industrial oven, or if the weather allows it some hours in sunlight.

Do not use high temperature oven or microwaves oven that will soften the external part (and may burn it).The profile (should become uniformly soft).

1. Start from the transom fixing the first 20 cm, than bend back the profile (see picture or video) forcing the two catches to open and to fit into the fins of the track.

2. You continue towards the bow remembering, at each meter approx, to lengthen the profile of 2-3 cm so the stretching is perfect..

3. You complete the operation on the whole turn of the boat.

4. You block the ending part of the profile with one or two screws and you finish with the end caps or joint caps.

Achieved with a minimum of (work) the operation is fast and the result will be perfect and with high functionality.

3. BENDING OF THE PROFILE



Follow the tab for the indications of the bending radius.

Horizontal or vertical bends with radius more than 40 cm will be done directly on the boat bending step by step till ending the bend, the boat itself will have the function of template. For acuter radius we suggest to visit our YouTube video channel or contact our customer service who will give you specific information.

The use of an industrial heater will make easier the stretching near the bends if there will be wrinkles or small defects.

ITEM	DESCRIPTION	WEIGHT	MIN BENDING RAD	PACKAGING	PACKAGING
130-141-006	track Radial 30	5 oz/yd	2"	bundle	78'
		181 g/m	50 mm		24 m
130-141-011	track Radial 40	10 oz/yd	2-3/8"	bundle	78'
		310 g/m	60 mm		24 m
130-141-016	track Radial 52	14 oz/yd	2-3/4"	bundle	78'
		432 g/m	70 mm		24 m
130-141-021	track Radial 65	14 oz/yd	3-1/8"	bundle	78'
		432 g/m	80 mm		24 m
130-141-026	track Radial 80	17 oz/yd	3-7/8"	bundle	78'
		530 g/m	100 mm		24 m
130-141-031	track Radial 100	38 oz/yd	6-1/4"	bundle	78'
		1.200 g/m	160 mm		24 m

4. CLEANING

The PVC surfaces can be cleaned with a liquid degreaser.

ATTENTION

Some specific products for the PVC cleaning, if not diluted correctly, can damage the profile irreparably.