

We use different types of floats for our floating pontoon systems: concrete, rotomolded polymer and tube floats. The project location determines the type of floats used. In general, concrete or rotomolded PE floats are used for walkways and polyethylene floats for finger pontoons.

Concrete / DF Floats

Our concrete DF floats are filled with expanded polystyrene and reinforced with stainless steel rebar and glass fibers. The polystyrene filling provides permanent buoyancy, the stainless steel reinforcement ensures durability and strength. The concrete shell that envelops the whole is made of concrete with a compressive strength of 60 N/mm².

Dimensions

Type	Length	Width	Height	Weight
DF1	2,37 m	1,87 m	0,73 m	± 1230 kg
DF2	2,87 m	1,50 m	0,75 m	± 1180 kg

Assembly

The concrete floats are attached to the pontoon frames with 4 M16 bolts, poured in stainless steel screw sleeves poured into concrete.



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Plastic / PE-RF en PE-ACE Floats

The plastic floats are made from pure polyethylene and are filled with polystyrene. The floats are completely seamless and are very robust due to their profiled shape, which limits the risk of leakage to a minimum. The wall of approximately 5 mm thick is made of polyethylene with ultraviolet inhibitors to prevent damage from sun, oil, aquatic organisms, salt and fresh water. In addition, the floats have an even higher (ice) pressure resistance and guaranteed buoyancy due to the filling with expanded polystyrene foam.

RF-float

Dimensions

Type	Length	Width	Height	Weight
RF500	1,5 m	0,5 m	0,6/ 0,7/ 0,8 m	± 23 kg
RF700	1,5 m	0,7 m	0,6/ 0,7/ 0,8 m	± 29 kg
RF900	1,5 m	0,9 m	0,6/ 0,7/ 0,8 m	± 38 kg
RF7500	2,37m	0,75m	0,35/0,55 m	± 28 kg

Materials

The moulded RF floats made from polyethylene fiber are filled with polystyrene, grade LDVB, with a density of 11 kg/m³. The standard floats are light gray but can be supplied in other colours on request.

Attachment

The plastic RF float is attached to the pontoon with four M12 bolts through holes reinforced with stainless steel bushes at the top of the float.

ACE-floats

Dimensions

Plastic ACE-floats are available in a large number of sizes, such as:

Type	Length	Width	Height	Weight
FF4860	1,53 m	1,22 m	0,31 tot 0,81 m	23 tot 69 kg
FF4872	1,83 m	1,22 m	0,31 tot 0,91 m	38 tot 75 kg
FF4896	2,44 m	1,22 m	0,31 tot 0,81 m	49 tot 94 kg

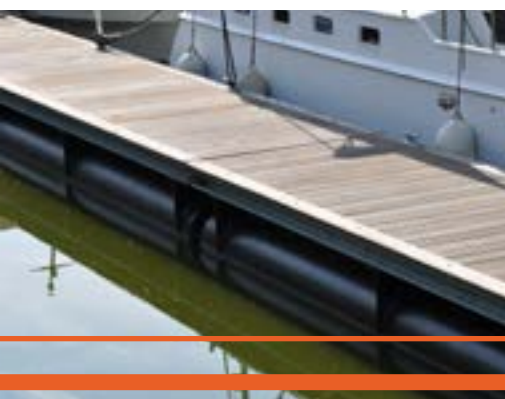
Please feel free to inquire about availability and possible delivery times of the floats you require.

Materials

The moulded ACE floats made from polyethylene fiber are filled with polystyrene, grade LDVB, with a density of 11 kg/m³. The standard floats are light gray but can be supplied in other colours on request.

Attachement

The plastic ACE float is attached to the pontoon with four M12 bolts through holes in the reinforced top of the float.



Tube floats

Tube floats can also be used with our steel and aluminum pontoon systems. The black high-density polyethylene (HDPE) pipe float is characterized by its very high stability and impact resistance. They have a long lifespan, are optimally suitable for use in freezing water surfaces and are flexible in height and load capacity.