

OMERASTORE

GLASS COATED TANKS

The Tanks:

The Glass Coated Tanks are made of segmented bolted glass fused steel plates, being stabilized with galvanized ring stiffeners, sealed and fixed with anchors on a concrete slab. The storage capacities range from 8 m³ to over 20,000 m³ per tank. All further components are produced based on your individual requirements.

The System:

Kind:	Segmented
Version:	Overlapping state of the art
No. of plate shapes:	One
Fixing:	Bolted
Sealing:	Mastic

The Plates:

Material:	Carbon Steel (black steel)
Steel Quality:	similar to S275 and S355
Thickness:	2.5mm to 12.0mm
Type:	one to four vertical bolt rows based on calculation
Screen:	1400mm x 2680mm (Full plate) 600mm x 2680mm (Half plate)
Preparation:	shot blasting (SA 2 1/2)

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Rolling: Radius based on tank diameter

Corrosion protection: Vitreous Enamel (Glass coating)

Minimum 2 coats and 1 fire

Minimum 180µm inside and 160µm outside

Fixing:

Version: Fixed with bolts in overlapping area

Bolt diameter: ½"

Bolt material: steel, hot dipped galvanized, head PP capped

Adds: Nuts, steel, hot dipped galvanized

Washer, steel, hot dipped galvanized

Nut cap, plastic

Top and Bottom

stiffener: steel, hot dipped galvanized / coated

rolled

minimum size 60mm x 60mm x 6mm

Wind stiffener: steel, hot dipped galvanized / coated

rolled

minimum size 50mm x 50mm x 5mm

Fixing in concrete slab: anchor, standard or chemical

Sealant:

Material: SIKA TS plus

Color: Black (Grey on request)

Use: Between plates

With bolts

Between plates and stiffener

Between plates and further equipment

Note:

Please see data sheet of material for all information before start of installation. Variations are possible. Please see for content and performance of your project the individual offer and paperwork.

Please don't hesitate to contact us:

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You need TRUST in storage & BENEFIT in operating.

Select OMERASTORE – made in Germany

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