

# Plastic Constructions & Installations

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on site assembly

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# wherever you want

**Belgium**  
3M Belgium N.V., Zwijndrecht  
ABB Belgium, Zwijndrecht  
Alfa Laval Benelux N.V., Brussel  
Algist Bruggeman, Gent  
Allibert, Nivelles  
Amec Spie TS N.V., Brussel, Brussel  
Amoco Chemical Belgium S.A., Feluy  
Antwerpse Waterwerken  
Atlas Copco Airtac Division, Wilrijk  
Bayer Polysar, Zwijndrecht  
Belgacom, Berchem  
Belgian Shell  
Borealis, Zwijndrecht  
Bosch Robert Productie N.V., Tienen  
BP Chémbel N.V., Geel  
Brantegem N.V., Aalst  
Brouwerij Haacht, Boortmeerbeek  
BT Belgium N.V., Antwerpen  
Campbell's, Puurs  
Daikin Europe N.V., Dostende  
Declox Werkhuizen N.V., Dessel  
Degussa Antwerpen N.V., Antwerpen  
Delhaize "De Leeuw" N.V., Brussel  
Desso N.V., Dendermonde  
Dow Corning, Seneffe  
Draeck Optics N.V.,  
Duroc N.V., Wilrijk  
Electrabel N.V.  
Fabelta Ninove N.V., Ninove  
GlaxoSmithKline Beecham, Wavre  
Hawker, Mortsel  
Hercules Doel, Doel  
Hoppecke Belgium N.V., Zemst  
IMEC, Leuven  
Indaver N.V., Mechelen  
Ineos, Zwijndrecht  
Jacobs België N.V., Antwerpen  
Janssen Pharmaceutica N.V., Beerse  
Kaneka, Westerlo  
Labororm SA, Marke  
Lemmertz België N.V., Hoboken  
Master Foods, Olen  
Mccain Sunnyland, Turnhout  
Meyers Benelux, Antwerpen  
N.M.B.S.  
Oleon N.V., Ertvelde  
Opel Belgium, Antwerpen  
Philips Innovative Applications N.V., Turnhout  
Pfizer, Puurs  
Praxair, Oevel  
Prominent Belgium S.A./N.V., Tubeke  
Rectical N.V., Wetteren  
Scaldian Electronic Works N.V., Hamme  
Shell Gent, Gent  
Stad Antwerpen, Antwerpen  
Stork Mec, Antwerpen  
Struyf N.V., Ranst  
Total Raffinaderij Antwerpen N.V., Antwerpen  
Ugine & ALZ Arcelor, Genk  
Umicore, Hoboken  
Unicom Belgian Tool, Mechelen  
Umicore Olen, Olen  
Van Der Linden Industriebouw N.V., Hoogstraten  
Vlaamse Mij V/Watervoorziening, Brussel  
Yplon N.V., Ieper

**Germany**  
Mft, Keulen  
Applied Materials France Sarl, Meylan Cedex

**France**  
Goodyear

**The Netherlands**  
Gras Kunststoftechniek, Eindhoven  
GTI Process Solutions BV, Dordrecht  
Variclean Benelux B.V., Waddinxveen

**United Kingdom**  
Metron Technology, Basildon

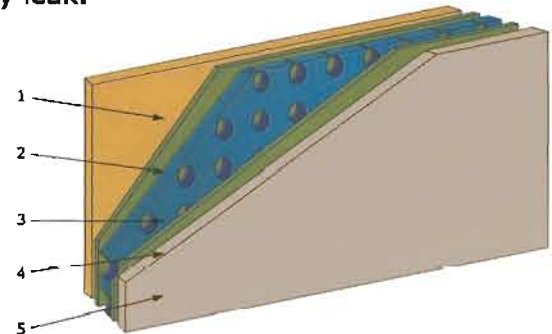
## Tanks & Vessels ; on-site assembly

Our company always played a leading role in cutting-edge plastic constructions technology. One of these innovations is the development, design and construction of SEGMENTED storage tanks for chemicals.

If the accessibility of the future tank location (e.g. in a basement) is strongly reduced or obstructed by piping or small entrance doors, the tank can be built on site.

Teblick developed a special construction method using flanged segments. During concept development, the tank is divided in segments, small enough to transport to the future tank location. Every segment consists of an internal perforated steel structure. To protect the steel structure from outside influences and to promote a strong adhesion of the inner lining, the tank is wrapped with a glass-fiber reinforced resin, and finished with a UV-protective top layer. This results in a 3D sandwich structure, which combines the following major advantages: mechanical strength, chemical resistance and UV protection.

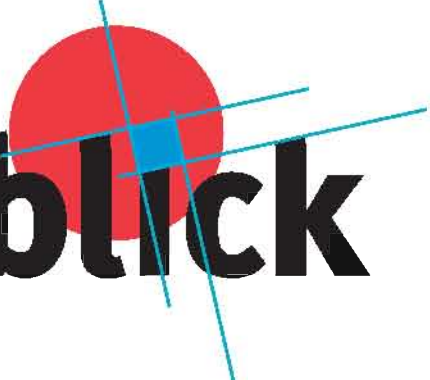
All segments are flanged. On site, the tank can easily be assembled by bolting them together. Afterwards, the segments are welded together from the inner site. A final Sparktest (25.000V) guarantees the absence of any leak.



The standard structure of a steel reinforced tank consists in:

1. Plastic sheet (PVC, PE, PP, PVDF, ECTFE, PFA, ...)
2. Glass-fiber reinforced resin
3. Perforated steel
4. Glass-fiber reinforced resin
5. UV-protective top layer

If required, we can offer you a complete installation with tanks, pumps, valves, piping, electrical cabinets, control panels, leak detection, level monitoring, heading system, etc.



**teblick**

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