

# Plastic Constructions & Installations

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[www.teblick.be](http://www.teblick.be)

steel reinforced tank

# tons of experience

Belgium  
ABB s.p.a. Zaventem  
Arovo N.V., wijndrecht  
Alcatel Telecom,  
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 Airtec Division, Wilrijk  
Bayer Polysar, Wijndrecht  
Belgacom, Berchem  
Belgian Shell,  
Bosch Robert Productie N.V., Tienen  
BP Chembel N.V., Geel  
Brantegem N.V., Aalst  
Brouwerij Haacht, Boortmeerbeek  
BT Belgium N.V., Antwerpen  
Campbell's, Puurs  
Daikin Europe N.V., Oostende  
Deckx Werkhuisen 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  
Hawker, Morsel  
Hercules Doel, Doel  
Hoppecke Belgium N.V., Zemst  
Indaver N.V., Mechelen  
Jacobs België N.V., Antwerpen  
Janssen Pharmaceutica N.V., Beerse  
Kaneka, Westerlo  
Labonorm SA, Marke  
Lemmertz België N.V., Hoboken  
Master Foods, Olen  
Mocain Sunnyland, Turnhout  
Mervers Benelux, Antwerpen  
N.M.B.S.  
Oleon N.V., Ertvelde  
Opel Belgium, Antwerpen  
Philips Innovative Applications N.V., Turnhout  
Praxair, Oevel  
Prominent Belgium S.A./N.V., Tubeke  
Recticel 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  
Umicore, Hoboken  
Unicorn Belgian Tool, Mechelen  
Union Minière 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

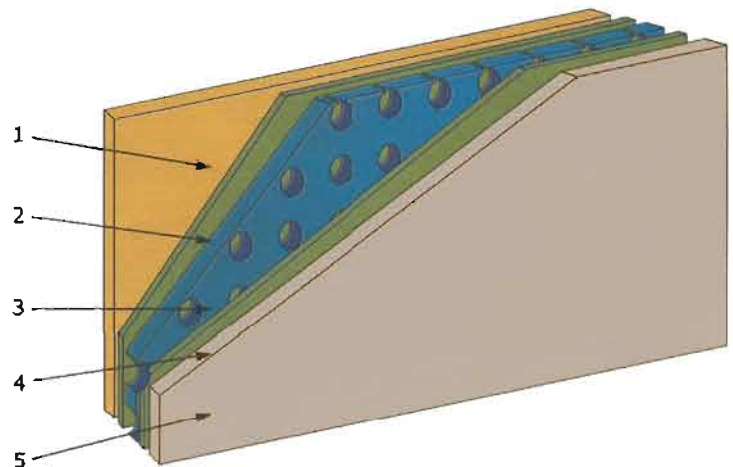
**France**  
Goodyear

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

**United Kingdom**  
Metron Technology, Basingstoke

## Tanks & Vessels ; we know how

Our company always played a leading role in cutting-edge plastic constructions technology. One of these innovations is the development, design and construction of larger storage tanks for chemicals. Sometimes they are so big that even massive walls of plastic wouldn't be strong enough to contain the required amount of solution. Teblick developed a tank strengthened with 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. This now frequently applied construction method holds major cost-saving benefits, especially when the chemicals involved require an expensive chemical-resistant plastic (e.g. PFA or ECTFE). The perforated steel structure will act as the tank's backbone, while the rather thin plastic layer will fulfill the role for which it has been designed: guarantee chemical resistance towards the solution.



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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