FLOWTITE GRP Fire Water Tanks
Modern Solutions for the Storage of Fire Water
Storage systems with a volume from 75 m$^3$ to more than 300 m$^3$ are suitable for the decentralised storage of fire water according to DIN 14230. FLOWTITE glass fibre reinforced plastic (GRP) fire water reservoirs offer decisive advantages to enable the fast, safe and above all cost-effective installation of such systems.

Moreover, the GRP material is extremely durable and perfectly suited to storing fire water over long periods of time.

安装步骤如下:
- 预制件的配送
- 使用卡车卸载
- 根据DIN EN 1610铺设
- 使用卡车或挖掘机移动和对齐组件
- 使用挖掘机将组件推在一起
- 按照DIN EN 1610回填沟渠

安装:
- 自动化完成整个安装，根据DIN EN 1610
Advantages of FLOWTITE GRP fire water tanks:

- Long-lasting and permanently watertight system
- Low weight
- Corrosion-free and low maintenance
- Trafficable to SLW 60
- Fast and easy installation
- Installation mostly without heavy lifting equipment
- Individually adaptable, rainwater usage possible

Customised Manufacture:
FLOWTITE GRP fire water tanks are planned and installed individually according to the local site conditions. Nominal diameters and construction lengths are optimised to suit the available area. Equally, the number and position of the suction armatures, as well as the rainwater usage can be planned and realised according to customer requirements.

Nominal Diameters:
FLOWTITE GRP fire water reservoirs corresponding to DIN 14230 are available in nominal diameters DN 2100 to DN 3000.

<table>
<thead>
<tr>
<th>Project</th>
<th>Year</th>
<th>Owner/Consultant</th>
<th>Volume &amp; technical data</th>
<th>DN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kirchhundem-Bomighausen</td>
<td>2005</td>
<td>Gemeinde Kirchhundem</td>
<td>ca. 60 m³ with entry and inlet pipe</td>
<td>2400</td>
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<tr>
<td>Grünberg-Lardenbach</td>
<td>2006</td>
<td>Stadt Grünberg</td>
<td>118 m³, total length 24 m</td>
<td>2400</td>
</tr>
<tr>
<td>Kirchhundem-Rinsecke</td>
<td>2007</td>
<td>Gemeinde Kirchhundem</td>
<td>60 - 80 m³</td>
<td>2400</td>
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<tr>
<td>Cham Katzdorf</td>
<td>2008</td>
<td>Fa. Gruber, Cham-Katzbach</td>
<td>230 m³</td>
<td>2800</td>
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<tr>
<td>Wittelsberg</td>
<td>2008</td>
<td>Bieber+Marburg GmbH &amp; Co. KG</td>
<td>96 m³</td>
<td>2400</td>
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<tr>
<td>BAM Berlin</td>
<td>2009</td>
<td>Bundesanstalt für Materialforschung Berlin</td>
<td>approx. 300 m³</td>
<td>3000</td>
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<tr>
<td>Gießen, Oberer Hardthof</td>
<td>2011</td>
<td>Hessisches Baumanagement, Gießen</td>
<td>2 x 100 m³</td>
<td>2400</td>
</tr>
</tbody>
</table>
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