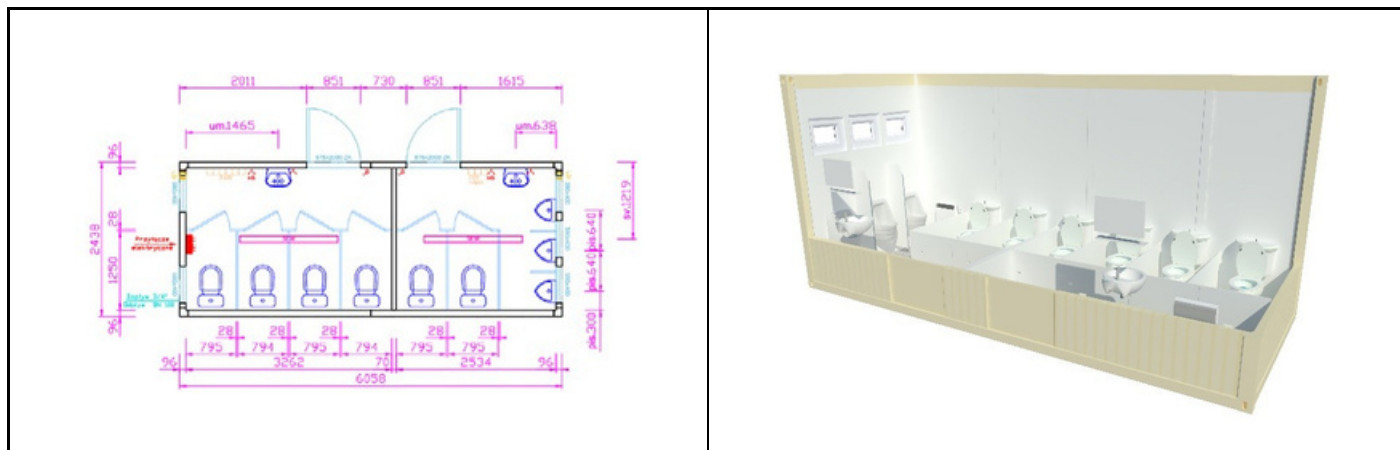


# DHWC



| External dimensions: |       |                   | Internal dimensions: |       |                   |
|----------------------|-------|-------------------|----------------------|-------|-------------------|
| Length               | 6,058 | [m]               | Length               | 5,870 | [m]               |
| Width                | 2,438 | [m]               | Width                | 2,250 | [m]               |
| Height               | 2,800 | [m]               | Height               | 2,500 | [m]               |
| Area                 | 14,75 | [m <sup>2</sup> ] | Area                 | 13,20 | [m <sup>2</sup> ] |

| Technical description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                |                                                                                                                                                                                                                                                                                             |  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Construction</b>   | <ul style="list-style-type: none"> <li>- galvanised steel structure made from rolled sections, painted in RAL 1015</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>Portion walls</b>           | <ul style="list-style-type: none"> <li>- a 10 mm thick board laminated on both sides - a structure made of galvanised steel sections, 50 mm high</li> <li>- BOHME modular wall panels in the toilet block</li> </ul>                                                                        |  |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Windows</b>                 | <ul style="list-style-type: none"> <li>- PVC window 580 x 400 – top-hung, glazing 4/16/4</li> </ul>                                                                                                                                                                                         |  |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>External doors</b>          | <ul style="list-style-type: none"> <li>- door measuring 875 x 2000 [mm], with handles and a patent lock</li> </ul>                                                                                                                                                                          |  |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Internal doors</b>          | <ul style="list-style-type: none"> <li>- doors compatible with the BOHME system</li> </ul>                                                                                                                                                                                                  |  |
| <b>Roof</b>           | <ul style="list-style-type: none"> <li>- profiled sheet metal, 0.63 mm thick, 40 mm profile</li> <li>- girders made of steel sections</li> <li>- ventilated flat roof</li> <li>- rainwater drainage via downpipes</li> <li>- 80 mm thick mineral wool insulation</li> <li>- 10 mm thick board, laminated on both sides</li> <li>- <math>k = 0.44 \text{ W/m}^2\text{K}</math></li> </ul>                                                                                                                                                                                       |  | <b>Electrical installation</b> | <ul style="list-style-type: none"> <li>- in accordance with VDE 0100 guidelines, complete with a junction box, circuit breakers, 2 strip lights (58W) with shades, 4 plug sockets,</li> </ul>                                                                                               |  |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Heating</b>                 | <ul style="list-style-type: none"> <li>- 2 kW electric convector heater</li> <li>- 2 kW electric convector heater with a fan</li> </ul>                                                                                                                                                     |  |
| <b>Floor</b>          | <ul style="list-style-type: none"> <li>- steel grating finished on the underside with 0.63 mm thick galvanised profiled sheet metal</li> <li>- 100 mm thick mineral wool insulation</li> <li>- 18 mm thick cement-bonded board, waterproof</li> <li>- live load: <ul style="list-style-type: none"> <li>- for 1 storey: 3,500 N/m<sup>2</sup></li> <li>- for 2 storeys: 2,000 N/m<sup>2</sup></li> </ul> </li> <li>- 1.5 mm thick PVC floor covering, beige in colour, fully bonded, with heat-sealed joints</li> <li>- <math>k = 0.35 \text{ W/m}^2\text{K}</math></li> </ul> |  | <b>Plumbing</b>                | <ul style="list-style-type: none"> <li>- ¾ cold water outlet, waste water outlet (DIN 110 drainpipe)</li> <li>- 6x toilet bowls with 9-litre cisterns, 6 toilet sets, 3 urinals, 2x washbasins with vertical taps, 2x urinal screens, 2x 5-litre water heaters, 2 washbasin sets</li> </ul> |  |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                |                                                                                                                                                                                                                                                                                             |  |
| <b>External walls</b> | <ul style="list-style-type: none"> <li>- galvanised profiled sheet, 0.63 mm thick, profile depth 10 mm</li> <li>- structure made of galvanised steel sections, 70 mm high</li> <li>- mineral wool insulation, 80 mm thick, with a 10 mm thick board laminated on both sides</li> <li>- <math>k = 0.45 \text{ W/m}^2\text{K}</math></li> </ul>                                                                                                                                                                                                                                  |  |                                |                                                                                                                                                                                                                                                                                             |  |