

Manufacturer's Declaration

for temporary works calculation of Stremaform[®] formwork elements

By this Manufacturer's Declaration, MAX FRANK GmbH & Co. KG confirm that all products within the range of our Stremaform[®] formwork elements fulfil the ultimate limit state design according to the temporary works calculation (static report) dd. 24.01.2020, project: 460/2017 T.

The following boundary conditions are used for the verification of the temporary works calculation:

- hydrostatic fresh concrete pressure $\sigma_{hk,max,hydr} = \gamma_c * H$
- specific weight (bulk density) of the fresh concrete pressure $\gamma_c = 25 \text{ kN/m}^3$
- maximum fresh concrete pressure $\sigma_{hk,max} = 45 \text{ kN/m}^2$
- maximum component thickness $h = 2000 \text{ mm}$ (corresponds to an installation dimension (EBM) of 1800 mm Stremaform[®] formwork element)
- adherence to the product-specific installation instructions for Stremaform[®] formwork elements acc. to MAX FRANK Homepage www.maxfrank.com.
- based on the above mentioned temporary works calculation and considering the maximum fresh concrete pressure as well as additional back anchoring acc. to MAX FRANK specifications, components with a thickness of $h > 2000 \text{ mm}$ are also possible.

According to DIN 18218 or CIRIA Report 108, the admissible rate of pouring $v \text{ [m/h]}$ is determined by the load-bearing capacity (hydrostatic or maximum fresh concrete pressure) of the Stremaform[®] formwork elements and the final setting of the used concrete.

MF Product Management

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