HYDROPOL® is a combination of steel casing filled with a special concrete mixture developed by framag.

- **Adaptation options** with different recipes
- **Finite elements simulation software** for optimizing the properties (damping versus stiffness)
- **Flexibility**, as the components can be changed at any time
- **Integration** of stainless steel plates offers protection from corrosion where necessary
- **Temperature stable** via heating and cooling lines, which means that the warm-up phase is no longer required
- **HYDROPOL®** has a better thermal stability and larger thermal capacities than conventional materials
- **Damping** via the robust and vibration-optimized construction
- **Tool wear** is reduced by 15 - 20 %
- **Surface quality** is improved through reduced machine vibrations
- Electromagnetic compatibility (**HYDROPOL®** machine frames are CE-compliant and therefore comply with EN 60204 and DIN VDE 0113
- $^{2/3}$ less CO² is generated during the production of a **HYDROPOL®** machine frame compared with a GG frame
- **Environmentally friendly** (eluate class 1); no separate disposal required

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