

International standards for quality and safety in formwork technology





CONCRETE

Renowned international formwork manufacturers and European formwork users decided in 1992 to form GSV with the aim of taking the development of formwork technology forward in a dialogue of partnership. The association changed its name to Güteschutzverband Betonschalungen Europa e.V. in 2015 to underline its international sphere of activity, which, among other things, finds expression in cooperative projects with similar associations on other continents.

The association is regarded as an authority committed to promoting quality and prepares and prescribes vendor-independent standards for formwork practice. Objectively verifiable and consistent criteria allow the formwork user

to work safely with proven high-quality products and obtain reproducible, qualitatively first-class results.

Over more than twenty years, the association has produced numerous practical rules, guidelines and informational booklets developed for the construction, design and use of formwork for concrete. One of the greatest successes is the "GSV geprüft" (GSV-tested) quality seal, which was introduced in 1995 and has established itself on the market as a symbol for high-quality and safe formwork products.



In addition, GSV regularly publishes its points of view on current events, issues and the needs of the market, and is involved in interesting research and development projects.

The association continues to be involved in national and international standardisation, is committed with its GSV Academy to education and training, and offers a broad platform for the professional exchange of information through various events at all levels.

The connecting link between formwork suppliers and users

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The common aim of the association's members is to promote an exchange of views, knowledge and experiences between formwork system manufacturers and users to bring about further developments and improvements in the quality assurance of formwork technology (formwork for concrete), in particular in the EU and Switzerland. The association also seeks to promote a spirit of partnership between formwork users and suppliers. Other aims include further developing formwork technology and achieving high quality standards.

In short: GSV works in partnerships to develop standards for formwork practice to allow users to work safely.

Uniform quality criteria for concrete formwork



The purpose of GSV is to draft and publish rules and guidelines for use in Europe governing the construction, design and use of concrete formwork.

In addition, the GSV draws up the requirement criteria for the international GSV quality seal. The association awards the GSV quality seal to applicants that fulfil the requirement criteria. GSV quality seals are awarded exclusively to members of the GSV.

GSV
geprüft



Güteschutzverband Betonschalungen

The trademark-protected GSV quality seal "GSV geprüft" (GSV-tested) has been synonymous with high-quality and safe formwork products since its introduction in 1995.

Compliance with the GSV guideline "Guideline for granting the GSV quality seal for frame formwork for vertical components" is an essential step in obtaining the GSV quality seal. The award is granted on a product-by-product basis after the successful completion of an application procedure and testing in accordance with consistent guidelines by an independent expert.

Construction drawings, material composition and structural design calculations must also be submitted for examination. The quality seal gives the user the assurance that compliance with the required dimensional tolerances in building construction can be achieved by the use of certified formwork

Continuous knowledge transfer ensures the further development of concrete formwork

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GSV ensures the active and high-quality development of formwork technology through continuous knowledge transfer. This process is also brought about by GSV jointly organising regular conferences on the themes of formwork and concrete, such as the "Darmestädter Beton- und Schalungstag" and the "Kassel-Darmstädter Baubetriebsseminar Schalungstechnik".

In addition, GSV contributes to construction industry seminars, promotes knowledge transfer at in-house training sessions and supports dissertations and graduate and postgraduate studies.

The association has strong links with similar bodies in Asia, USA and Australia, which foster all kinds of cooperative ventures in the field of the quality and safety of concrete formwork.



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