

**DIN EN 12812****DIN**

ICS 91.220

Supersedes  
DIN EN 12812:2004-09

**Falsework –  
Performance requirements and general design  
English version of DIN EN 12812:2008-12**

Traggerüste –  
Anforderungen, Bemessung und Entwurf  
Englische Fassung DIN EN 12812:2008-12

Document comprises 48 pages



## **National foreword**

This standard has been prepared by Technical Committee CEN/TC 53 “Temporary works equipment” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Technical Committee NA 005-11-16 AA *Traggerüste*.

For materials other than those specified in this standard, see National Annex NA.

### **Amendments**

This standard differs from DIN EN 12812:2004-09 as follows:

- a) The standard has been reviewed and corrected as appropriate.
- b) The calculation of the ideal shear stiffness has been rendered more precise (9.4.2.4).

### **Previous editions**

DIN EN 12812: 2004-09

DIN 4421: 1982-08

## National Annex NA (normative)

### Additional materials for use in falsework in Germany

The following materials may be used:

- materials for which the technical building regulations give design information (e.g. DIN 18800-1:1990-11);
- the additional materials listed in Tables NA.1 and NA.2.

The materials for tubes listed in Table NA.1 shall be accompanied by an inspection document as in DIN EN 10204, provided by the manufacturer.

The strength of materials as in Tables NA.1 and NA.2 shall be determined using the characteristic values given in Table NA.3.

**Table NA.1 — Additional materials for use in falsework**

	1a	1b	2	4
<b>Structural parts</b>	<b>Steels for quenching and tempering (quenched and tempered TQ + T) as in DIN EN 10083:2006-10</b>		<b>Cast steels as in DIN 1681:1985-06</b>	<b>Welded/seamless tubes as in DIN 1626:1984-10 and DIN 1629:1984-10</b>
	Part 2	Part 1		
Tubes				St 37.0 St 44.0 St 52.0
Jacks	1 C 35 1 C 45			
Fittings			GS-38 GS-45	
Fasteners	1 C 35 1 C 45 1 C 60	51 CrV 4 42 CrMo 4 50 CrMo 4		