# Norms & Approvals

**Quality**
The Rieder group is certified according to ISO 9001 and ISO 14001. Our large number of patents, tests and certificates underlines the enormous power of innovation and technological progress of our company, and it shows the safety and reliability of our products. All products undergo multi-stage tests under international standards to guarantee consistent high quality.

All fibreC products are awarded the CE mark under independent, stringent tests.

fibreC fulfils the requirements of the standard EN 12467 and has the following product and building system approvals:

- Approval of the DIBT (Germany)
- Avis Technique of the CSTB (France)
- Certification under GOST (Russia)
- European Technical Approval (Keil undercut with fibreC)
- General Technical Approval Z-10.8-408 (adhesive fastening)

All current tests, certificates and approvals can be provided on request.

**Extract from the fibreC approvals & tests**

| Category | Country | Description |
|---|---|---|
| System Approval | EU | EU European Technical Approval: Keil undercut anchor for glassfibre reinforced concrete panel fibreC I ETA-06/0220 |
| System Approval | DE | General Technical Approval Z-10.8-408 I Sika Tack Panel Bonding system to the fastening of fibreC Glass fibre reinforced concrete panels on aluminium substructure |
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| Product Approval | DE | General Technical Approval DIBT Z-31.4-166 (Glass fibre reinforced concrete panel fibreC) |
| Product Approval | RU | GOST Report Number: KT-03-2010 |
| Product Approval | FR | Avis Technique of the CSTB, No. 2010332 |
| Product Approval | US | General technical material test ASTM 1185 |
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| CE Mark | DE | EG Declaration of conformity as per DIN EN 12467 I CE 08 |
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| Emission Permit | EU | Certificate IBO Vienna |
| ISO Standardisation: Quality | EU | DIN EN ISO 9001:2008 |
| ISO Standardisation: Environmental management | EU | DIN EN ISO 14001:2009 |
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| Declaration of no-objection | EU | EU Food safety as per EN 1186, EN 13130, CEN/TS 14234 |
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| Technical Test on fire behaviour | DE | Classification of the fire behaviour as per DIN 4102, class A1, incombustible |
| Technical Test on fire behaviour | DE | Classification of the fire behaviour A1 as per DIN EN 13501-1 |
| Technical Test on fire behaviour | AT | Test of the fire behaviour under ÖNORM B 3800-5 |
| Technical Test on fire behaviour | US | Non-combustible as per ASTM E 136 & ASTM E 84 |
| Technical Test on fire behaviour | CA | Non-combustible as per CAN/ULC-S114 |
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| Technical Test Ball throw test | DE | Ball throw-safe as per DIN 18032-3:1997-04 |
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| Technical Test Long life | AT | Durability study as part of the ETA 06-0220 |
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| Technical Test Weathering | EU | Frost-thaw salt resistance on the basis of CDF-procedures |
| Technical Test Weathering | AT | Heat-Rain-Alternate test as per EN 12467 |
| Technical Test Weathering | AT | AT Hail test (Hard Body Impact Test) as per DIN 18516, DIN EN 13583, ASTM E 822, EOTA TR 001 |
| Technical Test Weathering | UK | Weather resistance test (Water, Wind, Impact) |
| Technical Test Weathering | US | Wind load test ASTM E 330 |
| Technical Test Weathering | US | Weather resistance test ASTM 1186 |
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| Technical Tests Earthquake | EU | Earthquake resistance in connection with the Sika Tack Panel Bonding system |
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