III. NOTICE OF AUTHORISATION (Dated 05/06)

More permitts and certifications on demand.

National Technical Approval
Number: Z-31.1.-79
Date: 2005-11-18

Deutsches Institut für Bautechnik
Anstalt des öffentlichen Rechtes

Berlin, 18.11.2004

National Technical Approval

Approval Number:	Z-31.1-79
Applicant:	Rieder Faserbeton-Elemente GmbH Glasberg 1 83059 Kolbermoor
Object for Approval:	Fibreglas concrete board "Concrete Skin" for coating outside walls
Valid until:	15. September 2006

The above mentioned object for approval is herewith nationally technically approved.
This national technical approval contains 8 pages and 2 enclosures.

* This national technical approval replaces that of 14. September 2001 (Ref. Z-31.1-79).
The object for approval was first nationally technically approved on 20. February 1998.

Keil undercut anchor
Number: 125-8.06.01-199/05
Date: 2006-03-16

Deutsches Institut für Bautechnik
Anstalt des öffentlichen Rechts

DIBt

Mr Peter Trelner
CDO Smart Elements
Rieder Faserbeton-Elemente GmbH
Glasberg 1
D 83059 Kolbermoor

16. März 2006

KEIL undercut anchor KH with Rieder façade panels "concrete skin"
Special anchor for the rear fixing of façade panels made of fibre-cement for sheets according to EN 12467

Dear Mr Trelner,

with letter of 2004-05-10 you have applied for an European Technical Approval (ETA) for KEIL undercut anchor KH with Rieder façade panels "concrete skin". In the meantime we have received all required test reports and the accompanying Evaluation Report. We will issue the ETA-based on the values given in the Evaluation Report prepared by Dr.-Ing. Lothar Höher, IFBT GmbH (Edition January 2006) by the end of June (if there will be no unexpected problems).
We don't see any technical problems, if the Rieder façade panels "concrete skin" with KEIL undercut anchor KH are be used in compliance with the values given in the Evaluation Report prepared by Dr.-Ing. Lothar Höher, IFBT GmbH (Edition January 2006).

With best regards

Ioannis Kommatas

Evaluation Report, Keil undercut anchor
Number: 04-050
Date: 2006-01-26

IFBT GmbH - Institut für Fassaden- und Befestigungstechnik

Evaluation Report

for

KEIL undercut anchor KH
for the fixing of façade plates made of
Glass fiber concrete Rieder "concrete skin"
on the basis of
"CUAP for Fastener of external wall claddings
- ETA request No 06.01/16 -"

requested by:
Rieder Faserbeton-Elemente GmbH
Glasberg 1
D – 83059 Kolbermoor

Edition January 2006

prepared by Dr.-Ing. Lothar Höher, IFBT GmbH

Extract Evaluation Report

Certificate of Conformity
Number: 19779 U 04
Date: 2004-03-29

DR. RALPH DERRA

ISEGA – Forschungs- und Untersuchungs-Gesellschaft mbH Aschaffenburg

UNBEDENKLICHKEITSERKLÄRUNG
CERTIFICATE OF CONFORMITY
CERTIFICAT DE CONFORMITE

19779 U 04

Backofenplatte, glasfaserverstärkt

Die von der oben genannten Firma hergestellte Backofenplatte wird in konventionellen Backöfen eingesetzt.

Es wurde von uns nach den

"Methoden zur Untersuchung von Bedarfsgegenständen, Grundregeln für die Ermittlung der Migration in Prüfkörperöl" entsprechend der Vorschrift Nr. 82.30.1 - 5 (82) in der Amtlichen Sammlung von Untersuchungsverfahren nach § 35 des Lebensmittel- und Bedarfsgegenständegesetzes, Stand vom Dezember 2002,

sowie den

Normenreihen EN 1186, EN 13130 und prCEN/TS 14234 „Werkstoffe und Gegenstände in Kontakt mit Lebensmitteln - Kunststoffe", aktueller Stand,

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Austrian Building Materials Certificate of Compliance
Number: Z-6.1.2-04-4772 / Date: 2004-06-16

National Variance Government Office
Building Product Certification Station
WIEN – ZEIST

CERTIFICATE OF COMPLIANCE
No.: Z-6.1.2-04-4772

This is to confirm according to § 19 WBauG[1] that the building product(s)

fibreC-concrete reinforced with glass fibre "concrete skin"
(list of products as in the Appendix)

produced by
Rieder Faserbeton-Elemente GmbH
Glasberg 1
D-83059 Kolbermoor

in the manufacturing site
Rieder Faserbeton-Elemente GmbH
Glasberg 1
D-83059 Kolbermoor

meets (meet) requirements of the standard (standards):

ÖNORM EN 12 467A (December 1st, 2004) and Appendix A, clause 6.1.2

specified in the List of Building Materials Ch., Revision of December 17th, 2002.

The product(s) are subject to the site production control and external supervision by

Building Material Testing Organisation at the High Federal Scientific-Research Site in Innsbruck, Technikerstraße 2, A-6020, Innsbruck.

Date of the supervision contract: 16.06.2004

According to determination of the validity period for the document confirming compliance which is ratified out pursuant to § 19a Par. 2 WBauG[1], this Certificate of Compliance is valid till September 22nd, 2009.

The product(s) mentioned above according to § 2a Pos. 1 WBauG[1] in connection with Art. 2 Par. 2 of the Announcement of the Head for the Vienna District regarding the Agreement as in Art. 15 a B-VG on the law regulating the possibility of using building products, LGBl. for the town of Vienna No. 33/1999, can be easily and therefore the producer has the right mark the building product(s) according to § 19a Par. 3 WBauG[1]. This Certificate of Compliance is accepted by the Parties of the agreement.

Essential parameters of the product are presented in the Appendix to this Certificate of Compliance. The Certificate of Compliance together with the Appendix contains two pages.

Prior to the case of any change of the standards listed in the Appendix to the List of Building Materials Ch. versus the standards listed in the Certificate of Compliance after the end of the transition period given in the law of Building Materials Ch., this Certificate of Compliance expires with respect to further placing of the compliance mark.

Issued in the name of the Building Product Certification Station
i. V.
National Variance Government Office Head
Dr. rer. oec. Ing. Thomas Hofmann

Vienna, September 22nd, 2004

Authorized by signed
Manager of the Certification Station
Mag. Dr. Peter Prokopp
Chief Building Management of the City

Adhesive system certification
Number: Z-10.8-347
Date: 2004-01-29

Prüfungsbericht
KEIL - Hinterschnitt - Befestigung

KEIL

AGQS

Material

Bezeichnung :	Faserbeton – Kern dunkel geschliffen
Plattengröße :	250 x 200 x 13 mm
Plattenhersteller/Lieferant :	Rieder Kolbermoor
Auftrag vom :	19.04.04

Versuchsbeschreibung

Anker :	KEIL-Hinterschnitt-Fassadenanker
Setztiefe :	hv= 8,5 mm
Bohrloch ø :	zylindrisch ø 7 mm Hinterschnitt ø 9 mm
geprüfter kleinster Randabstand :	80 mm
Bohrer :	KEIL Diamant Fassadenbohrer
Belastungsart :	zentrischer Zug
Abstützung :	ø 105 mm

Prüfergebnisse

Versuch-Nr.	Bruchlast [kN]	Bruchbild: Ausbruchkegel	Bruchbild: Plattenbruch
1	2,74	Ø 80 mm	
2	2,32	Ø 85 mm	

Die Prüfungen wurden sorgfältig durchgeführt. Eine Haftung für die vorgenannten Werte ist jedoch, soweit zulässig, auch gegenüber Dritten ausgeschlossen.
Zur Bestätigung der vorgenannten Werte von neutraler Stelle bieten wir Ihnen gerne unsere Unterstützung an. Die Proben sowie die Restsicke werden 4 Wochen aufbewahrt.

PrüfTB.doc