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Testing, Inspection and Certification Authority for Construction Products and Construction Types
Notified testing laboratories, inspection and certification bodies recognized according to the Construction Products Law (NB 0800) and the State Building Code (SAC 02)

Leipzig Institute for Materials Research and Testing
Business Division III: Structural Fire Protection

MFPA Leipzig GmbH – P.O. Box 74 11 06 – 04323 Leipzig / Germany

PEC Vertriebs GmbH
Dipl.-Ing. Falk Wittmann
Obere Kaiserswerther Strasse 56
D-47249 Duisburg

Your reference	Your message from	Our reference	Date
		P 3.2/14-119	29 September 2015

Confirmation of fire resistance tests acc. to EOTA TR020 for PEC-TA anchor channels

herewith we confirm that anchor channels PEC-TA were tested according to **EOTA TR020** based on **EN 13501-2** standard temperature/time curve (post flash-over fire) $T = 345*\log_{10}(8*t+1)+20$ successfully. According to our test report **PB 3.2 14-119-1Ä MFPA**, table 5 we recommend to use the following values for your approvals ETA-13/0245 and Z-21.4-2032 for design resistance:

Fire resistance		**$F_{Rd,s,fi}$ [kN]**			
HDG or A4		**M8**	**M10**	**M12**	**≥M16**
PEC-TA-28/15	F60	0,7	0,8		
	F90	0,5	0,6	-	-
	F120	0,4	0,5		
PEC-TA-38/17	F60		1,7	1,9	1,9
	F90	-	1,2	1,3	1,3
	F120		0,9	1	1
PEC-TA-40/25 PEC-TA-40/22	F60		1,7	3,5	3,5
	F90	-	1,2	2,2	2,2
	F120		0,9	1,5	1,5
PEC-TA-49/30 PEC-TA-50/30	F60			3,8	3,9
	F90	-	-	2,5	2,9
	F120			1,9	2,4
PEC-TA-54/33 PEC-TA-52/34	F60			3,8	3,9
	F90	-	-	2,5	2,9
	F120			1,9	2,4

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Sincerely yours,

Dipl.-Wirtsch.-Ing. S. Kramer
Testing Engineer

Anerkannte Prüfstelle für Baustoffe, Bauteile und Bauarten
Hans-Weigel-Str. 2 b
04319 Leipzig
Tel. 0341/ 65 82-0

Dipl.-Ing. S. Hauswaldt
Head of Business Division

Gesellschaft für Materialforschung und Prüfungsanstalt für das Bauwesen Leipzig mbH

Leipzig Institute for Materials Research and Testing

Hans-Weigel-Str. 2 b
04319 Leipzig / Germany

Tel.: +49 (0) 341 - 65 82-0
Fax.: +49 (0) 341 - 65 82-135
www.mfpa-leipzig.de

Managing Director:
Prof. Dr.-Ing. Frank Dehn

Commercial register:
Local Court Leipzig
HRB 17719
VAT-ID: DE 813200649

General terms and conditions of MFPA Leipzig GmbH are valid.

Banking account:
Sparkasse Leipzig
IBAN: DE47860555921100560781
BIC: WELADE8LXXX

Business Division III:
Structural Fire Protection

Tel.: +49 (0) 341 - 6582-134
Fax: +49 (0) 341 - 6582-197
brandschutz@mfpa-leipzig.de

Head of Division:
Dipl.-Ing. Sebastian Hauswaldt

Work Groups:

- **Fire Behaviour of Building Components and special Constructions**
  Dipl.-Wirtsch.-Ing. S. Kramer
  Tel.: +49 (0) 341 - 6582-194
  kramer@mfpa-leipzig.de
- **Fire Behaviour of Building Products**

Test laboratory accredited by DAkkS GmbH according to DIN EN ISO/IEC 17025. The accreditation only applies to the test methods listed in the certificate which can be seen on www.mfpa-leipzig.de