

Entzündungs-
verhalten /
Baustoffklasse

Abtropf-
verhalten

MFPA Leipzig GmbH
Test, supervisory and certification
board acc. to the
Local Construction Regulations (SAC
02)



- Certified translation from the German language -

Unit III
Construction physical/structural fire prevention
General Manager:
Dipl.-Phys. Ingolf Kothoff
Working group building materials

CLASSIFICATION REPORT

No. KB III/B-04-010

of 22/03/2004 1st copy

Applicant: Röhm GmbH & Co. KG
Kirschenallee
D-64293 Darmstadt

This classification report defines the classification of the building product in compliance with the procedure specified in DIN EN 13501-1.

Subject matter: PLEXIGLAS® XT

Application of: 18/02/2004

Ref.: PG-AT

Receipt: 19/02/2004

Samples received on: 20/02/2004

Sampling: by applicant

Identification: by label

Test date: 10/03/2004 (test in burning box)

This test report consists of 3 text sheets.

The test report shall be published in unabridged form only. Publication – also of excerpts – shall be subject to the prior written approval by MFPA Leipzig GmbH.

Gesellschaft für Materialforschung und Prüfen
für das Bauwesen Leipzig mbH
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Bankverbindung: Sparkasse Leipzig
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1 Description of the building product

The building products to be tested are – according to the information given by the principal – panels of extruded Plexiglas with the designation PLEXIGLAS® XT.

The colour of the building product was colourless and clear or coloured.

2 Classification based on the following test reports and test results

2.1 Test reports

Name of laboratory	Principal	Number of test report	Test method
MFPA Leipzig GmbH	Röhnm GmbH & Co. KG	PB III/B-04-085	EN ISO 11925-2 (15 s flaming time)

2.2 Test result

Test methods	Parameters	Number of tests	Test results	
			Continuous parameters (average value)	Requirements met (Y/N)
DIN EN ISO 11925-2 Edge flaming 15 s flaming 30 s flaming burning dripping/falling down	F _s < 150 mm F _s < 150 mm ignition of filter paper	20	(-) (-) (-)	Y (-) burning dripping/falling down did not occur

(-) not applicable

3 Classification and direct application

3.1 Reference

This classification procedure has been carried out in compliance with sections 10 and 12.1 of the norm DIN EN 13501-1:2002.

3.2 Classification

The building product is classified in terms of its fire behaviour: **E**

Additional classification in terms of smoke development is: **-**

Additional classification in terms of burning dripping/falling down is: **-**

Format of classification of fire behaviour of the building product is:

Fire behaviour	Smoke development	Burning dripping/falling down
E	-	-

i.e. **E**

3.3 Application of the product

This classification is applicable to the following final application conditions:
- as panel material

For example, this classification is also applicable for the following parameters:

Thickness of samples:	min. thickness	approx. 2 mm
	max. thickness	approx. 25 mm
Area weight:	min. thickness	approx. 2.5 kg/m ²
	max. thickness	approx. 29.3 kg/m ²
Colour:	colourless and clear or coloured	

4 Restrictions

This document shall not be deemed a type admission or product certification. This classification report shall not replace a verification, if necessary, according to the German Law of Construction (regional construction regulations) issued by the building inspectorate.

The validity of this classification report expires on 09/03/2009.

Leipzig, March 22, 2004

Dipl.-Phys. Kotthoff
Head of Test Board

Dr.-Ing. W. Jank
Test Engineer

Having been publicly appointed and generally sworn in as a translator for English by the President of the Leipzig Regional Court, I hereby certify the above translation of the document submitted to me as an original in the German language to be correct and complete.

Leipzig, 02/04/2004

