



Institut für Brandschutztechnik
und Sicherheitsforschung

CLASSIFICATION REPORT

pursuant to 13501-1:2007+A1:2009

asphalt “VIACORE”

Classification Report No.: 317101603-A,Rev1-en

Date: 23.08.2018

This classification report replaces classification report from 15.01.2018

Engineer: A. Schmidt / ko

DD: 819

CLIENT: Österreichische Vialit Gesellschaft m.b.H.
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AUSTRIA

COMPILED BY: IBS - Institut für Brandschutztechnik
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Petzoldstraße 45, 4020 Linz

NOTIFICATION NUMBER: 1322
Product Standard: EN 13108-1:

This classification report consists of **4** pages and may not be used or reproduced in extracts.





1. Introduction

This classification report on fire behaviour defines the classification assigned to the construction product **asphalt “VIACORE”** in accordance with the procedure pursuant to EN 13501-1:2007+A1:2009.

2. Details of the classified product

2.1. General

The construction product **asphalt “VIACORE”** belongs to the "road surface" product type.

2.2. Description

The construction product **asphalt “VIACORE”** is described in the reports referenced in section 3.1. as proof of classification.

The construction product **asphalt “VIACORE”** is comprised of 92.5% aggregate of different grain sizes as per the grading range test report and at least 7.5% binding agent.

3. Test reports and results as a basis of these classification

3.1. Reports

Details of the test reports are listed here where necessary.

Name of the test authority ¹	Name of the client	Report No.	Test method and date / regulations concerning the direct and the extended scope of application and date
IBS Linz	Vialit	317101603-1	EN ISO 9239-1 of 01.11.2010
IBS Linz	Vialit	317101603-2	EN ISO 1716 of 01.11.2010

¹ Name/address and notification number/status of the testing authority in alphabetical order:

- IBS: IBS - Institut für Brandschutztechnik und Sicherheitsforschung GmbH, Petzoldstraße 45, A-4020 Linz; notification number: 1322

3.2. Test results

Test method and test number	Parameters	Number of tests	Results	
			Continuous mean parameter value	Discrete parameters
EN-ISO 9239-1	Critical heat flux	3	> 11 kW/m ²	concordant
	Smoke		2.42% min	concordant
EN-ISO-1716	PCS	3	2.530 MJ/kg	concordant

4. Classification and scope of use

4.1. Classification reference

This classification was carried out in accordance with EN 13501-1:2007 + A1:2009

4.2. Classification

The construction product **asphalt “VIACORE”** is classified as follows with regard to its fire behaviour.

A2_{fl}

The additional classification with regard to smoke development is:

s1

The format of the classification of flooring product fire behaviour is:

Fire behaviour		Smoke development	
		s	1
A2 _{fl}	-	s	1

Classification of fire behaviour: **A2_{fl}-s1**



4.3. Scope of use

This classification is valid for the following end uses:

The construction product **asphalt "VIACORE"** may be used for the construction of asphalt surfaces / road surfaces on substrates that are at least Class A2 and without the addition of additional bituminous binding agent.

The permissible thickness per layer is 10 mm to 60 mm.

The maximum permissible proportion of binding agent is 8.89% to ensure the PCS limit of ≤ 3 MJ/kg for Class A2_{fl} as defined in the standard is not exceeded.


5. Restrictions

This classification document does not represent a product type approval or product certification.

Its validity will become void if the client makes any impermissible technical changes or alters the proportions of the compositions on which this classification report is based (see test reports).

Furthermore, it may rendered invalid by the limiting regulations of European product standards that may be published in the future.


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