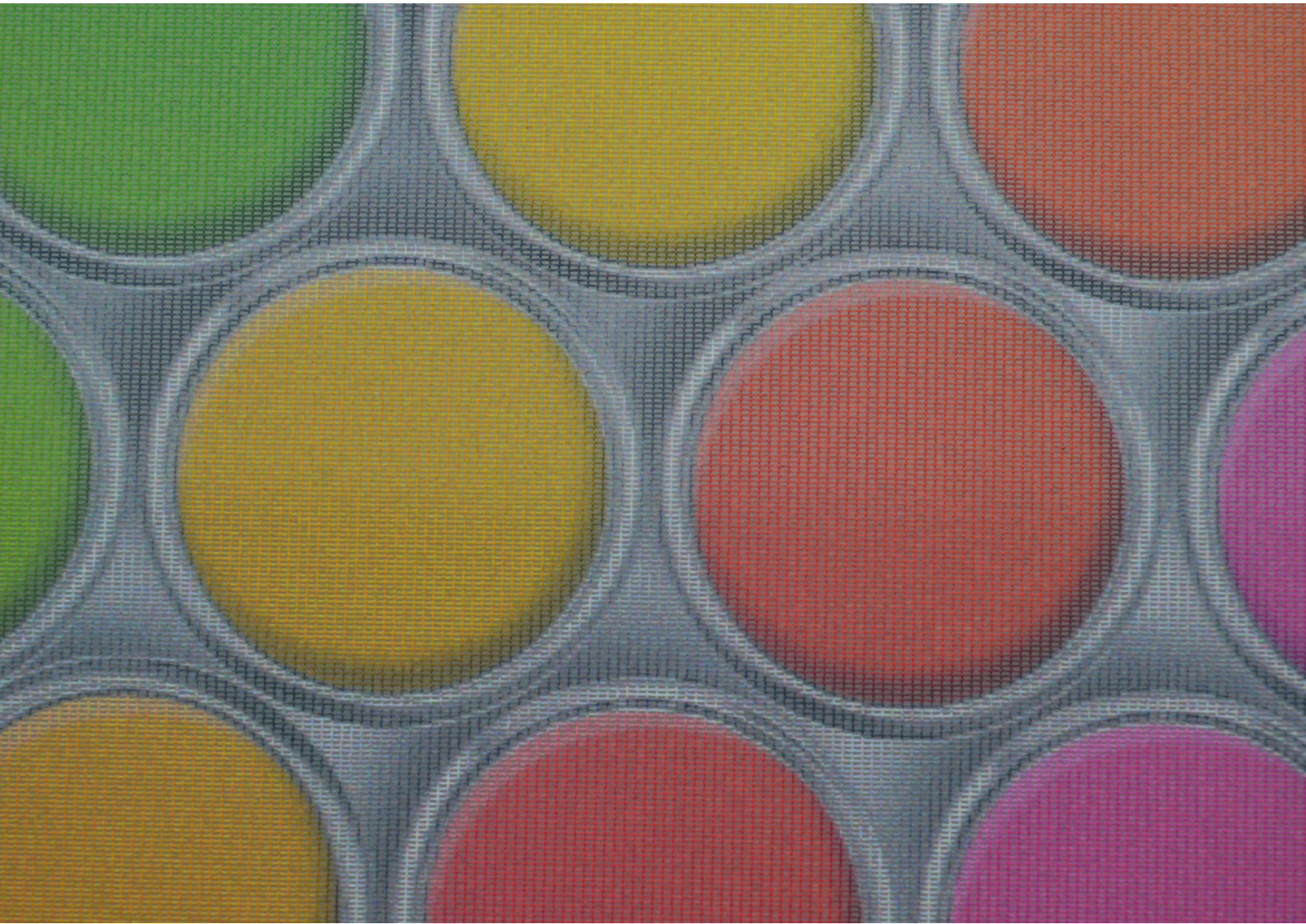


Voile (Digital Print)

Perfect For: Lightweight



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Fire Certificate

B1 3

TECHNICAL



NDFR

Non Durably Flame Retardant

chemically treated with a water solution and if wetted in any way should be retreated



DFR

Durably Flame Retardant

chemically treated to withstand a number of cleanings



IFR

Inherently Flame Retardant

woven from fibres with a high flame retardancy



FR

Flame Retardant

chemically treated to an individual specification



NOT FR

Not Flame Retardant no flame retardant treatment



Confirmation that the fabric meets one or more flame retardant standards

BS5867 BS5867 Pt2 B is the British Standard for flame retardant fabrics used for curtains and drapes

BS5852 BS5852 Pt1 is the British Standard for flammability of upholstered composites for seating

BS4790 BS4790: 1987 Determination of the effects of a small source of ignition on textile floor coverings hot metal nut method (method 1, loose laid)

EN13773: 2003 Meets European fire safety standards for vertically hung fabrics. Burning behavior, ignitability testing of curtain fabric for use in the contract market.

TL 1080-0002/8 German Military Specification for horizontally tested materials

EN14041 Details the requirement for CE Marking of textiles, laminate and resilient floor coverings

BS7905-1:2001 Lifting equipment for performance, broadcast and similar applications.

ATTRIBUTES



Approx roll length of material in linear metres (m) & feet (ft)



Approx width of material in centimetres (cm) & inches (")



Approx weight in grams per metre squared (g/m²)



Approx thickness in (mm)

M1, M2, M4 Conforms to French Fire Regulations

B1, B2 Conforms to German Fire Regulations DIN 4102

IMO Conforms to International Maritime Organisation regulations

Classe Uno Meets Italian Fire Regulations

BS EN13501-1 Fire Classification of construction, products and building elements. Classification using test data from reaction to fire tests

CFC EN ISO 9239-1 Reaction to fire test. Horizontal surface spread of flame on floor covering system. Determination of the burning behaviour using a retardant heat source

NFPA 701 NFPA 701: (USA) Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

EN9239-1 Reaction to fire tests – horizontal surface spread of flame on floor covering systems

DIN EN1021 Meets European fire safety standards for exposure to different ignition sources, namely a lit cigarette and butane flame. Assessment of the ignitability of upholstered furniture

Fire Test Certificate – Specimen

Fabric: Voile (Digital Print)
Type: B1

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Einfach clevere Baustoffe.

quick-mix 

quick-mix Gruppe, Forschung + Entwicklung

Report of Brandschacht tests according to DIN 4102-1

Test-Nr.	01.52.5397.11	Date: 17 th August 2011
Applicant	Georg+Otto Friedrich Wirkwarenfabrik KG, 64846 Groß-Zimmern	
Material tested	Woven fabric, white, freely suspended tested	
Material name	Article 4035	

Material data

Test thickness
weight per square meter
density

mm
g/m²
kg/m³

Climatised storage
Preliminary end of test

yes
no

Remarks: ---

Sample			B	C	D
First flaming*)	min, sec	0:02			
Max. flame height	cm	40			
Point of time *)	min, sec	0:25			
First melting *)	min, sec	0:05			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	-			
Components drip down *)	min, sec	0:05			
Extent		low			
Continuation of burning on the perforated bottom **)	min, sec	-			
Max. smoke temperature	°C	116			
Appeared after *)	min, sec	10:00			
Smoke temperature after 10 min.	°C	116			
Smoke density		low			
Afterglowing **)	min, sec	-			
Remaining lengths	Specimen 1	cm	55		
	Specimen 2	cm	46		
	Specimen 3	cm	52		
	Specimen 4	cm	53		
Mean value of single test	cm	52			

Remarks: ---

This test is an exploratory analysis and not a confirmation of building material class according to DIN 4102-1. The material has passed the Brandschacht test to DIN 4102-B1 in the above mentioned test arrangement. According to the application further Brandschacht tests and a B 2-test are required.


ppa. Dr. M. Kanig


J.A. H. Maßmann

*) Time referred to the beginning of the test
**) Time period

	Requirements		
	A 1	A 2	B 1
Brandschacht			
- Remaining length	≥ 35 cm	≥ 35 cm	≥ 15 cm
a) Mean value of each test	≥ 20 cm	≥ 20 cm	≥ 0 cm
b) each single value	≤ 125 °C	≤ 125 °C	≤ 200 °C
- Smoke-temp.	no	no	allowed
- Flames on reverse side of test unit			
- Brandparallelerscheinungen weitere Nachweise	kein Anlass zu Bedenken 750°C Offen, Rauchschicht, Tourenzeit, ggf. Heizwert		
	B2- Brennkasten		

quick - mix Gruppe GmbH & Co. KG
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