



Rely on it.

# RENOLIT SE – Plant Frankenthal

## PRODUCT INFORMATION

Stretch ceiling – Stellar – 0.170mm – B-S1-d0

**Type of material:** Calendered PVC-film in monomeric quality, phthalatfree, several colours specially designed for indoor – decoration with flame retardant additives.

**RENOLIT description:** WF-OPAK BS1D0 / WF-TRL BS1D0  
**Item-group:** 10.40.60 / 10.40.70  
**Embossing:** 552200 = stellar  
**Colour:** various  
**Thickness:** 0.170 mm

### TECHNICAL DATA

Properties:	Method:	Unit:	Target:	min.:	max.:
<b>Thickness<sup>1</sup></b>	DIN EN ISO 2286-3	[ mm ]	0.170	0.157	0.183
<b>Dimensional stability<sup>2</sup></b>	DIN 53 377	[ % ]	MD		- 4.0
<b>Tensile stress at break<sup>3</sup></b>	DIN EN ISO 527-3/2/200	[ MPa ]	MD CD	20 20	
<b>Tensile strain at break<sup>3</sup></b>	DIN EN ISO 527-3/2/200	[ % ]	MD CD	140 150	
<b>Gloss<sup>4</sup></b>	DIN EN ISO 2813	[GU]	MD	3	2      5
<b>Colour<sup>5</sup></b>		[visually]		comparable with mastersample	

- 1 Measured value of unperforated film includes embossing, as a 2 sigma value.
- 2 10 minutes at +70°C in fan oven.
- 3 Test specimen no. 2 (15 mm width), test speed 200 mm/min – testing conditions: +23°C (± 1°C).
- 4 Measuring head 85° over a matt dark substrate of unperforated film.
- 5 Visually with Normlight "D65" in onelay over white substrate, angle at visual sample check in approx. 45°.
- 6 Specified by external lab.



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### DEFECT ASSESSMENT

All our films are controlled by a hole-detector and additionally controlled visually. Despite all necessary care, we can't exclude defects like:

- Inclusions
- pigment contaminations
- micro-holes

Due to the production-process we are not able to exclude an „orange peel“ effect on the surface. This effect is more or less visible depending on colour.

This information concerning RENOLIT products is based on the current state of our knowledge. Our products are sold under the condition that the customer ensures that the product is suitable for the type of use it is put to. All tests of technical date will be made in accordance to the above mentioned standards. This information or any parts thereof may only be published with the authorisation of RENOLIT.

This document is no technical specification or serves to replace one.

#### RENOLIT SE – Plant Frankenthal :

Department  
Product Management

Person responsible  
Nina Wachter

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Page 2 of 2 pages

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vinyl<sup>plus</sup>



**SWIFT DEUTDESM**  
**SWIFT MALADE51WOI**  
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