



Introduction

The ES-SDA report presents the results of the data properties of the shading product validated following a peer review process. It also gives further output on data properties of the shading product combined with 5 types of reference glazing. All data are also published on <http://www.es-so-database.com> where information is given on the validation procedure.

In Use:	Yes
Manufacturer:	Mermet
Product Name:	Screen Nature 0319 Linen
Product Identification:	Screen Nature
Product Classification:	NA
Parallel:	Parallel
Clarity:	Light
URL Product Instructions:	http://www.sunscreen-mermet.com/range/screen-nature.html
URL Image:	http://www.sunscreen-mermet.com/range/screen-nature/0319-Linen-579b2351ef558.html?iframe=true
Product Colour Code:	0319
Material Description:	Glass fabric with fire-proof PVC-free and halogen-free coating
Product Position:	Internal
Material:	Fibreglass fabric with fire-proof PVC free coating
Colour:	Linen 0319
Thickness:	0.23
IR Transmittance:	0,04
Heat Resistance :	0.0000
Effective Emissivity of Inwardly Facing Face:	0.89
Effective Emissivity of Outwardly Orientated Face:	0.89
Total Solar Transmittance:	0.3007
Sun Reflectance Outside:	0.5575
Sun Reflectance Inside:	0.5575
Total Visible Transmittance:	0.2991
Diffuse Visible Transmittance:	0.2667
Visible Reflectance:	0.5935
Light Reflection Factor:	0.5935
Thermal Transmittance:	0.8
Solar Energy Transmittance:	0.55
Thermal Transmittance Window with Closed	



Shutter:	0.8
Shutter/Shading Device:	Shading Device
gtot Internal:	0.3793
gtot External:	0.1920
gtot Integrated:	0.2109
gtot:	0.3793
Shading Co-efficient:	0.4360
Shading Factor:	0.6897
Direct Solar Transmittance Internal:	0.1725
Direct Solar Transmittance External:	0.1714
Direct Solar Transmittance :	0.1725
Light Transmittance Internal:	0.2412
Light Transmittance External:	0.2412
Light Transmittance:	0.2412
Class for Glare Control:	1
Class for the Use of Light:	3
Class for Visual Contact with the Outside:	0
Class for Night Privacy:	2
NF Certification:	NA
Various Certificates:	NFP 92 503: M0-M1 / DIN 4102: A2 / BS 476 Pt 6&7 / EN 13501-1: A2