



## Approval of the Trademark Trevira CS®

AB Ludvig Svensson  
 Bangatan 8  
 51182 Kinna  
 Sweden

**Application No.:** 230316  
**Date of issue:** 30.05.2023  
**Valid until:** 30.05.2028

**Article name:** Harper  
**End use:** Upholstery fabrics  
**Square weight (g/m<sup>2</sup>):** 365  
 According to customer specification  
**Composition of the raw materials:** Polyester 100%  
**Composition of the fabric:** Trevira CS 100%

**Yarn:** Warp, 10 / 2 Nm Trevira® Type T270, Yarn supplier Vlnap  
 Weft, 20 / 2 Nm Trevira® Type T270, Yarn supplier Lampertsmühle  
 Weft, 850 / 1 Nm Trevira® Type 4M2T, Yarn supplier Trevira  
 Weft, 6 / 1 Nm Trevira® Type T270, Yarn supplier Wagenfelder  
 Weft, 10 / 2 Nm Trevira® Type T270, Yarn supplier Vlnap

The tested article Harper with application no. 230316 is granted approval for the trademark Trevira CS® for interior use.

This article was tested according to DIN 4102 part 1, 6.2 and thus also meets the requirements for fire class DIN 4102-B1.

The article was tested according to the French Standard NF P 92-504 (Propagation de flamme) and thus also meets the requirements for class M1 according to NF P 92-503, 92-505 and 92-507.

This article meets the requirements according to EN 1021-1 and -2:2014 in conjunction with polyurethan foams with a density of more than 30 kg/m<sup>3</sup>.

This article qualifies for class B-s1, d0 according to the European Standard EN 13501-1.

Trevira CS has been approved by the DIBt with the General Building Inspectorate Approval, Approval No. Z-56.25-3573 dd. 24 April 2018.

This article can also meet the requirements for the fire index BKZ 5.3 (BKZ = fire index, combustibility 5 = flame retardant, level of smoke emission 3 = low smoke emission) according to the Swiss standard SN 198898.

Thus meets also the requirements according to the Italian standard UNI 9175, class 1 IM in conjunction with suitable combustion modified foams.

Thus meets also the requirements according to British Standard BS 5852: ignition source 0 (cigarette), ignition source 1 (match) and ignition source 5 (crib 5) in conjunction with suitable combustion modified foams (at least 50 kg/m<sup>3</sup>).

This article also meets the requirements for class I according to the North American standard NFPA 260 for upholstered furniture (based on the Test Reports no. 10-002-775 A + B dated 24.11.2010).

Indorama Ventures Fibers Germany GmbH  
 (This document is valid without signature.)

Indorama Ventures Fibers Germany GmbH, Trademark Service, Max-Fischer-Straße 11, 86399 Bobingen, Germany  
 E-Mail: [trademark.service@trevira.com](mailto:trademark.service@trevira.com)