



Declaration of Performance According to Regulation (EU) No. 305/2011 of 9 March 2011 (Construction of Products Regulation) No. 5810.001.20161201

1. Product ORALITE® 5810 High Intensity Grade

2. Product Types

Article and combination	Colour	Design
5810-010	White	Originally coloured film
5810-020	Yellow	Originally coloured film
5810-030	Red	Originally coloured film
5810-050	Blue	Originally coloured film
5810-060	Green	Originally coloured film
5810-080	Brown	Originally coloured film
5810-010 + 5081-070	Black	Originally coloured film + Lettering Film
5810-010 + 5090	White	Originally coloured film + Anti-Dew-Film
5810-020 + 5090	Yellow	Originally coloured film + Anti-Dew-Film
5810-030 + 5090	Red	Originally coloured film + Anti-Dew-Film
5810-050 + 5090	Blue	Originally coloured film + Anti-Dew-Film
5810-010 + 5081-070 + 5090	Black	Originally coloured film + Lettering Film + Anti-Dew-Film
5810-010 + 5095	White	Originally coloured film + Anti-Graffiti-Film
5810-020 + 5095	Yellow	Originally coloured film + Anti-Graffiti-Film
5810-030 + 5095	Red	Originally coloured film + Anti-Graffiti-Film
5810-050 + 5095	Blue	Originally coloured film + Anti-Graffiti-Film
5810-010 + 5081-070 + 5095	Black	Originally coloured film + Lettering Film + Anti-Graffiti-Film
5810-010 + 5018-020	Yellow	Originally coloured film + screen printing ink
5810-010 + 5018-030	Red	Originally coloured film + screen printing ink
5810-010 + 5018-050	Blue	Originally coloured film + screen printing ink
5810-010 + 5018-060	Green	Originally coloured film + screen printing ink
5810-010 + 5018-070	Black	Originally coloured film + screen printing ink
5810-010 + 5061-020	Yellow	Originally coloured film + Overlay Film
5810-010 + 5061-030	Red	Originally coloured film + Overlay Film
5810-010 + 5061-050	Blue	Originally coloured film + Overlay Film
5810-010 + 5061-060	Green	Originally coloured film + Overlay Film
5810-010 + 5061-080	Brown	Originally coloured film + Overlay Film
5810-010 + 5061-625	Dark green	Originally coloured film + Overlay Film
5810-010 + 5061-020 + 5090	Yellow	Originally coloured film + Overlay Film + Anti-Dew-Film
5810-010 + 5061-030 + 5090	Red	Originally coloured film + Overlay Film + Anti-Dew-Film
5810-010 + 5061-050 + 5090	Blue	Originally coloured film + Overlay Film + Anti-Dew-Film
5810-010 + 5061-020 + 5095	Yellow	Originally coloured film + Overlay Film + Anti-Graffiti-Film
5810-010 + 5061-030 + 5095	Red	Originally coloured film + Overlay Film + Anti-Graffiti-Film
5810-010 + 5061-050 + 5095	Blue	Originally coloured film + Overlay Film + Anti-Graffiti-Film
5810-010 + 5019-070	Black	Originally coloured film + UV digital printing ink
5810-010 + 5061-000	White	Originally coloured film + UV protective film
5810-010 + 5019-020 + 5061-000	Yellow	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-030 + 5061-000	Red	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-050 + 5061-000	Blue	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-060 + 5061-000	Green	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-080 + 5061-000	Brown	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-625 + 5061-000	Dark green	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-073 + 5061-000	Grey	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-070 + 5061-000	Black	Originally coloured film + UV digital printing ink + UV protective film

5810-010 + 5019i-020 + 5061-000	Yellow	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-030 + 5061-000	Red	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-050 + 5061-000	Blue	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-060 + 5061-000	Green	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-080 + 5061-000	Brown	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-625 + 5061-000	Dark green	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-073 + 5061-000	Grey	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019i-070 + 5061-000	Black	Originally coloured film + UV digital printing ink + UV protective film
5810-010 + 5019-020 + 5090-000	Yellow	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-030 + 5090-000	Red	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-050 + 5090-000	Blue	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-060 + 5090-000	Green	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-080 + 5090-000	Brown	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-625 + 5090-000	Dark green	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-073 + 5090-000	Grey	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-070 + 5090-000	Black	Originally coloured film + UV digital printing ink + Anti-Dew-Film
5810-010 + 5019-020 + 5095-000	Yellow	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film
5810-010 + 5019-030 + 5095-000	Red	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film
5810-010 + 5019-050 + 5095-000	Blue	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film
5810-010 + 5019-060 + 5095-000	Green	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film
5810-010 + 5019-080 + 5095-000	Brown	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film
5810-010 + 5019-073 + 5095-000	Grey	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film
5810-010 + 5019-070 + 5095-000	Black	Originally coloured film + UV digital printing ink + Anti-Graffiti-Film

3. Intended use of the construction product

Vertical fixed traffic signs

4. Manufacturer

ORAFOL Europe GmbH
 Orafolstrasse 2
 16515 Oranienburg
 Germany

5. Not applicable

6. System of assessment and verification of constancy of performance of the construction product as set out in Annex V of the regulation (EU) No. 305/2011

System 1

7. Assessment and verification of the performance

The notified body (No. 0913) StrAus-Zert., Germany, has performed on the basis of the EN 12899 part 1 the initial audit of relevant properties of the product, the initial inspection of the company and of the factory production control and the continuous surveillance, assessment and approval of factory production control according to System 1 and has issued the certificate of constancy of performance

No. 0913-CPD-2009/35

8. Not applicable

9. Declared performance

The performance of the mentioned construction product and its design types listed in clause 2 is declared as follows:

Article Combination	Standard colour values, Luminance factor		Specific coefficient of retroreflection		Impact resistance		Resistance against weathering	
	Reference	Status	Reference	Status	Reference	Status	Reference	Status
5810-010	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-020	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-030	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-050	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-060	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-080	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5081-070	EN 12899-1 7.3.1.3	NR1	-	-	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5090	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-020 + 5090	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-030 + 5090	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-050 + 5090	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5081-070 + 5090	EN 12899-1 7.3.1.3	NR1	-	-	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5095	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-020 + 5095	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-030 + 5095	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-050 + 5095	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5081-070 + 5095	EN 12899-1 7.3.1.3	NR1	-	-	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5018-020	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5018-030	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5018-050	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5018-060	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5018-070	EN 12899-1 7.3.1.3	NR1	-	-	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5061-020	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5061-030	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5061-050	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5061-060	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5061-080	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS

5810-010 + 5019-070 + 5090-000	EN 12899-1 7.3.1.3	NR1	-	-	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-020 + 5095-000	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-030 + 5095-000	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-050 + 5095-000	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-060 + 5095-000	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-080 + 5095-000	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-073 + 5095-000	EN 12899-1 4.1.1.3	CR2	EN 12899-1 4.1.1.4	RA2	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS
5810-010 + 5019-070 + 5095-000	EN 12899-1 7.3.1.3	NR1	-	-	EN 12899-1 4.1.2.1	PASS	EN 12899-1 4.1.1.5	PASS

The composition of the product is described in the technical datasheets and application instructions (download: www.orafol.com).

10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by:

Oranienburg, 1 December 2016



Dr. Holger Loclair
Managing Director