



# NIKKALITE ULTRALITE Classe RA2 (série ULS800)

## PRODUCT DESCRIPTION:

Range of products comprised of a multi-layered film, which is composed of glass micro-beads that are coated with aluminium on one half and encapsulated in acrylic resin on the other half. The film is coated with a pressure-sensitive adhesive.

**Day chromaticity:** The colours comply with the requirements stated in the CR1 table of the European standard EN12899:1-2007.

**Retroreflective coefficients (measured according to the method stated in the European standard EN12899:1-2007):** The films of the ULS800 series are RA2 classified.

## Reflectance chart

$\alpha$ (Observation angle)	$\beta$ (Entrance angle)	Coefficient (Cd/lux/m <sup>2</sup> )				
		White (ULS812)	Yellow (ULS804)	Red (ULS805)	Blue (ULS806)	Green (ULS818)
1/3°	+ 5°	264	174	35,9	22,3	49,3
	+ 30°	247	159	32,4	19,8	44,2
	+ 40°	212	134	32,4	16,5	36,9
2°	+ 5°	6,4	4,2	1,1	0,6	1,4
	+ 30°	5,2	3,4	0,8	0,5	1,2
	+ 40°	3,9	2,5	0,6	0,4	0,9

For all colours, the average retroreflective coefficients (see above table) are higher than the minima ones required by the EN 12899:1-2007 standard.

## ADHESIVE:

Pressure-sensitive adhesive.

## USER'S INSTRUCTIONS:

- In the case of an already painted substrate, self-adhesive media must only be applied to undamaged original paintwork. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

## STORAGE:



Storage period before use  
**1 year**



Storage temperature  
**+20 °C to +35 °C (+68 °F to +95 °F)**



Relative humidity during storage  
**with relative humidity between 30 % and 80 %**



Storage method before use  
**in its unopened original packaging**



Orientation of rolls before use  
**horizontally**



Roll storage method after use  
**Never store the roll vertically standing on its cut edge.**

## DURABILITY:

- Vertical outdoor exposure: 10 years.

## NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods, which are available on request. Please feel free to contact us to get the latest instructions in use. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).