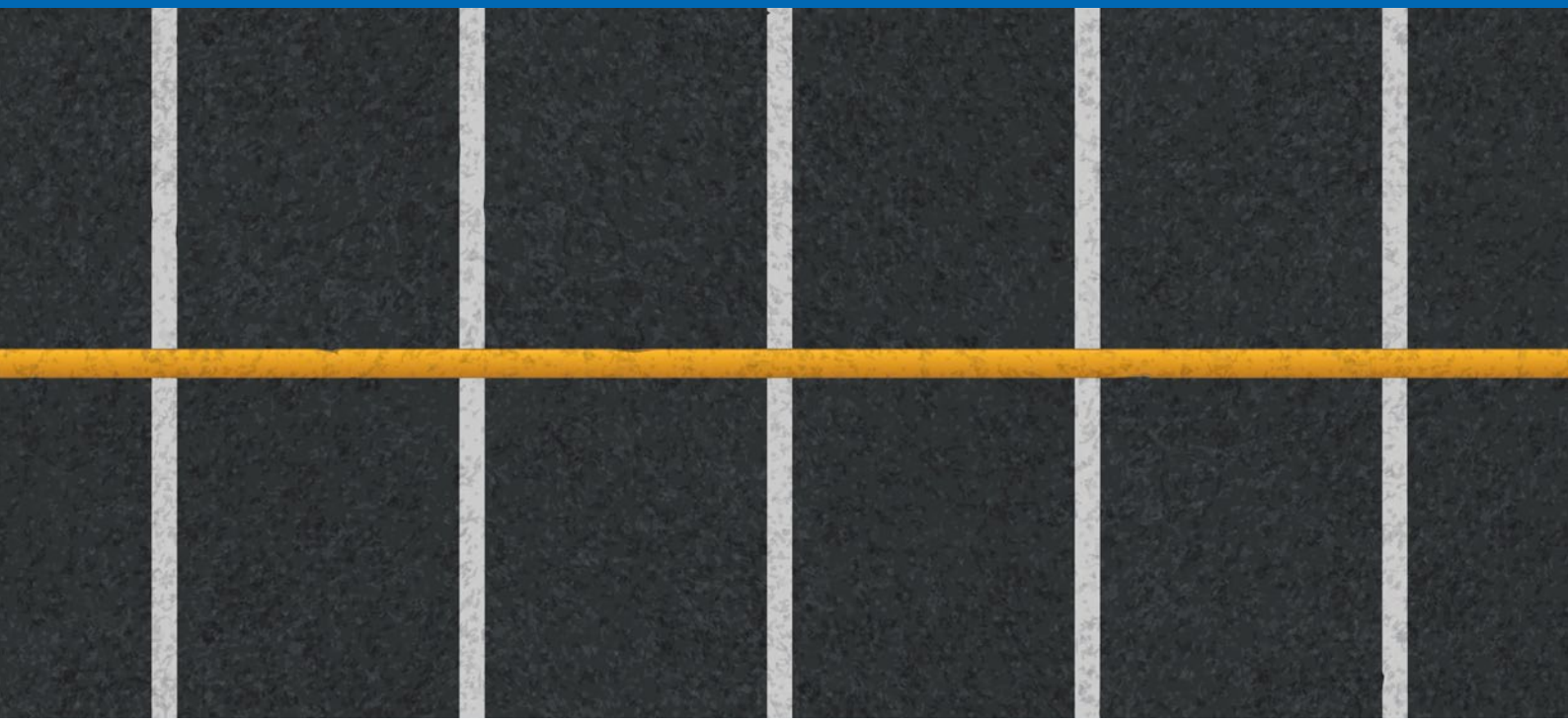
LINE MARKING

SYSTEM GUIDE



LINE MARKING COATING SYSTEM

Sherwin-Williams **Line Marking** is a resin flooring demarcation system, providing multiple chemistry options for a variety of speed of cure and physical properties, always adapting to the requirements of specific industries. Options are available enabling adhesion to many different substrates.

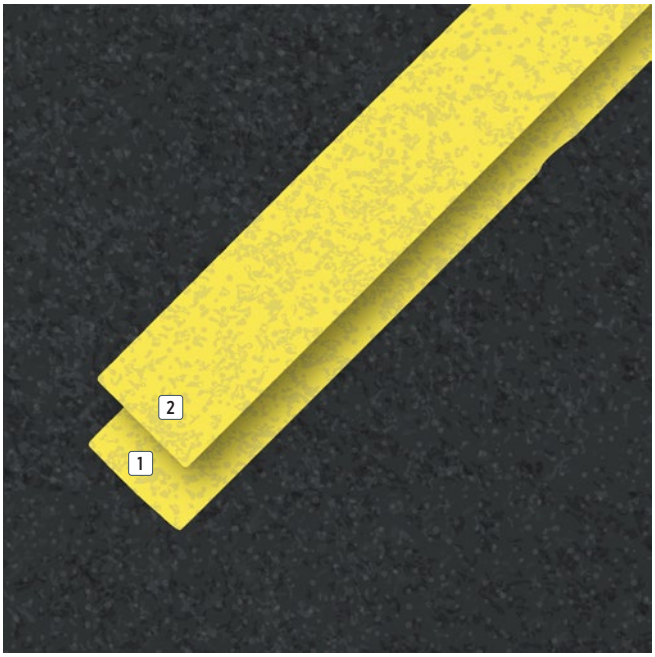
0.1 - 0.4 mm

Benefits

- Abrasion and impact resistance
- High adhesion to different substrates
- Endure high temperatures and chemical attack
- Enables stringent safety standards
- Excellent aesthetics achieved through bright demarcation
- UV-resistant options for outdoors exposure

Scope of use

- Any industrial or commercial flooring area where line marking is needed
- Flooring areas demarcation and identification due to operational or safety requirements



SINGLE COAT LINE MARKING

1 Base coat: **Resuflor™ LM, Elladur™ SF / ACS**

HIGH PERFORMANCE FAST CURE LINE MARKING

2 Topcoat: **Elladur™ AS**

1 Base coat: **Elladur™ SF / ACS**

SYSTEM COMPOSITION

		Single coat	High performance fast cure	
Coat	**Product options**	**Theoretical consumption kg/m²**		**Application**
Basecoat	Resuflor™ LM or Elladur™ SF / ACS	0.20 or 0.20	 0.20	Roller
Topcoat	Elladur™ AS		0.20	Roller
	Approximate thickness	**0.1 - 0.2 mm**	**0.3 - 0.4 mm**	

TYPICAL PHYSICAL PROPERTIES

		Resuflor™ LM	Elladur™ SF
Bond strength	BS EN 13892-8:2002	>2 N/mm² (substrate failure)	>3 N/mm² (substrate failure)
Impact resistance	BS EN 1504-2:2004	Class II	
Abrasion resistance	ASTM D4060		144 mg loss per 1000 cycles
	BS EN 13892-4:2004	AR 0.5	
Flexural strength	ISO 178:2010		20.1 N/mm²
Tensile strength	BS EN ISO 527-2:2012		21 MPa
Reaction to fire	EN 13501:2018	B_{FL} – s1	

TYPICAL CURE TIMES

Temperature	10°C	20°C	30°C
Resuflor LM			
Light traffic	12 - 16 hrs	6 - 8 hrs	4 - 6 hrs
Designed traffic	48 - 72 hrs	24 - 36 hrs	18 - 24 hrs
Full cure	7 - 10 days	7 days	5 - 7 days

Please refer to individual product datasheets.

Elladur SF			
Light traffic	6 - 8 hrs	4 - 5 hrs	3 - 4 hrs
Designed traffic	12 - 16 hrs	8 - 10 hrs	6 - 8 hrs
Full cure	10 days	7 days	5 days

Please refer to individual product datasheets.
Drying times are based on 50% relative humidity.
Higher levels of humidity could adversely effect curing and working time.

DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product(s) offered at the time of publication. Published technical data and instructions are subject to change without notice.

Please report to Product Data Sheets and Safety Data Sheets for detailed application guidance.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. No warranty or guarantee of any kind is made by Sherwin-Williams, expressed or implied, statutory, by operation of law or otherwise including merchantability and fitness for a particular purpose.

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