

# DATA SHEET



**Product:** SOLVENT BASED TONER  
**Ref.:** Black NGS/ White BLS

<b>DESCRIPTION</b> Solvent-based toner for dyeing polyurethanes in solvent base.
<b>USE</b> Through adding this toner to the varnish pigmentation is achieved.
<b>PREPARATION</b> - Single component product ready for use. Shake vigorously before use.
<b>ADVANTAGE</b> - Quick drying and easy maintenance.                      - Apt for execution of continuous works                      - High resistance                      - Solvent free - Applicable on existing surfaces                      - Combinable with different materials                      - Does not require joints                      - Stain resistant

YIELD SL-5			SOLVENT BASED TONER		FORMATS
m <sup>2</sup> per layer	Example	m <sup>2</sup> approx.	Ref.	Format	
Supports					
Fine textures	Classic	Use	NGS-1	1L.	
Semithin textures	Concret	Use	BLS-1	1L.	
Medium texture	Transit	Use	NGS-4	4L	
Thick textures	Rustic	Use	BLS-4	4L	

TECHNICAL SPECIFICATIONS (internal quality tests)		
Physico-chemical properties	SELLADOR L	Density of the mixture: 1,100 kg/l
<b>Appearance:</b>	Liquid	<b>pH:</b> 7.5-8
<b>Color</b>	Black/White	<b>Usage time:</b> 1-2 h at 20°C   60% relative humidity
<b>Scent</b>	Peculiar	<b>Temperature of application:</b> No inferiores a 5°C o mayores de 35°C
<b>Density (kg/l)</b>	1,100	<b>Waiting time before sealing:</b> 12-24 h at 20°C   60% relative humidity
<b>Viscosity</b>		<b>Accessibility once sealed:</b> 48 h at 20°C   60% relative humidity
<b>Specific weight</b>	1.05 g/cc. A 20°C	<b>Suitable for underfloor heating:</b> Yes (minimum 4cm slabs.)
<b>Nonvolatile</b>	29.8% Peso	<b>Storage:</b> Minimum temperature of 0°C and max of 40°C
<b>Flashpoint</b>	Ininflamable	<b>Mixing ratio :</b> 1 volume PU x 0.4 volume NGS/BLS
<b>Boiling temperature</b>	100°C a 760 mmHg.	<b>Dangerous material:</b> NOT classified as ADR/RID, IMDG, ICAO/IATA
<b>Vapor pressure</b>	Non apply	<b>Drying time between layers:</b> 3-4 h at 20°C   60% relative humidity
<b>Temp. decomposition</b>		<b>Expiration:</b> 1 year from the production date on its packaging

TECHNICAL TEST KIT(A+B) (tested product: PU finish)		
UNE-EN 13813:2003		
Bond strength, UNE-EN 13892-8:2003	Ceramic surface	1.7 N/mm2 (break support)
	Fibrocement Surface	1.3 N/mm2 (break support)
	MDF Surface	0.6 N/mm2 (break support)
Surface hardness, UNE-EN- 13892-6:2003		72 N/mm <sup>2</sup>
Determination of liquid water transmission (permeability), UNE-EN 1062-3:1999		0.01 Kg./m <sup>2</sup> h 0.5
Determination of flexural properties, UNE-EN ISO 178:2003		0.15 KN./mm <sup>2</sup>
Determination of unpolished slip / skid resistance value (USRV). UNE-ENV 12633:2003, Annex A		29
Impact Resistance, UNE-EN ISO 6272:2004. Drop height at which the first cracks and diameter produced at this stage are observed		>14.7 Nm At 1500mm WITHOUT defects. Crater diameter: 10.1mm.
Frictional wear, Böhme, UNE-EN 13892-3:2003		11.2cm <sup>3</sup> /50cm <sup>2</sup>
UNE EN 13501-1:2007		
Fire resistance behaviour after application of finish		Bfl – S1
UNE-ENV 12633:2003		
Slip resistance after application of finish		Rd: CLASS 3 – Value USRV: 47

Recommendations and technical data shown in this data sheet are based on laboratory tests and our experience in practice. We waive any liability for consequences resulting from improper use. **Date:** August 2016 **Version:** 1.0

