

## TECHNICAL DATA

	PRIMER 13	PRIMER GX	PRIMER GTWIN N	PRIMER WPX	PRIMER LM/BV
<b>Drying time at 20°C:</b>	15 min	20 min	15 min	3-6 min	20 min
<b>Solid content:</b>	11±1%	40±2%	40±2%	18%	24-28%
<b>Porous substrate yield:</b>	2.5 m <sup>2</sup> /l	-	-	-	3-5 m <sup>2</sup> /l
<b>Non-porous substrate yield:</b>	5 m <sup>2</sup> /l	3-4 m <sup>2</sup> /l	3-4 m <sup>2</sup> /l	5 m <sup>2</sup> /l	-

The values shown in the table are not to be considered as specifications.

## NATURE OF THE PRODUCT

MS series sealants adhere without primers to many materials. Experience and laboratory tests have shown that on some substrates, adhesion develops only through pretreatment with Primer and that on others, due to the variability of surface conditions, it is useful to carry out test applications to determine the type of preparation required and the possible need for surface treatment.

## PRODUCT CHARACTERISTICS

## PRIMER GX – GTWIN N (two-component)

Specific black primer for the treatment of uncoated glass with ceramic coating. Applied before MS SCREEN products, it provides a UV-protective film of the adhesion surface between the sealant and glass. Application by sponge.

**Consumption:** approx. 3-4 m<sup>2</sup>/l

## PRIMER 13

Adhesion promoter for plastics, metals, and low-porous substrates. Compatible with some types of paints/coatings.

**Consumption:** 2.5 m<sup>2</sup>/l on porous supports. 5 m<sup>2</sup>/l on non-porous substrates.

## PRIMER WPX

Adhesion promoter for MS adhesives and sealants on metals, treated or painted surfaces and plastics. For sealing and bonding exposed in operation to high humidity or temporary immersion in water. When applied by sponge, it also exerts a cleaning action on the surfaces to which it is applied.

**Primer WPX** is used by pad (rag or paper) and must be applied in a very thin thickness; the use of a brush is not recommended as it would be difficult to manage the amount used.

As a rule, one coat is sufficient to achieve the desired adhesion effect.

**Consumption:** approximately 5 m<sup>2</sup>/l.

## PRIMER LM/BV

Specific primer for the treatment of wood and porous materials. It provides stability and high levels of adhesion in conditions of high humidity and high temperature ranges. Suitable for treating teak staves in the production and

installation of decks in the nautical sector. Brush application. Drying time: approx. 20 minutes.

**Consumption:** depends on the porosity of the substrate, approximately 3-5 m<sup>2</sup>/l.

## SOLVENT ST/191

Thinner for polychloroprene adhesives

## SOLVENT ST/198

Organic solvent suitable for cleaning plastic and painted substrates in a non-aggressive way.

## SOLVENT ST/121

Organic solvent suitable for cleaning fibreglass and for removing sanding residues.

## SOLVENT ST/133

Organic solvent suitable for cleaning PVC (inflatable boats).

## SOLVENT ST/143/E

Organic solvent suitable for cleaning PVC (inflatable boats) for export.

## SOLVENT ST/512

Organic solvent suitable for degreasing metals, removing oil and release agents on elastomers and plastics. Tool cleaning.

## SOLVENT ST/513

Organic solvent suitable for degreasing metals. Tool cleaning.

## PULITORE E

Organic solvent suitable for cleaning glass, plastics, and treated surfaces. It does not leave streaks, and it is not aggressive on most paints.

## PULITORE R

Organic solvent suitable for cleaning plastic and metal surfaces. It does not present an aggressive odor.

## LIMITATIONS

The Selection table has been drawn up on the basis of experience and laboratory tests. Given the multitude of materials available on the market and the variability of their surface conditions, the indications given are intended as a general guideline to be followed when carrying out



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preventive tests for the compatibility of MS sealants with substrates and do not constitute a guarantee of the final result.

## METHOD OF USE

**Surface preparation:** primers must be applied on clean and dry surfaces, free of dust and poorly anchored parts. The application of the primer does not replace the cleaning operation.

**Application:** porous surfaces must be treated by brush, with a generous coat of primer, non-absorbent surfaces preferably by sponge in a thin, even coat. Do not apply primer outside the area to be sealed.

## HEALTH AND SAFETY INFORMATION

Consult the safety data sheets.

## STORAGE INFORMATION

- **PRIMER 13:** 12 months.
- **PRIMER GX:** 6 months.
- **PRIMER GTWIN N:** 6 months.
- **PRIMER WPX:** 6 months.
- **PRIMER LM/BV:** 6 months.
- **PULITORE E:** 18 months.
- **PULITORE R:** 18 months.
- **SOLVENT ST/191:** 18 months.
- **SOLVENT ST/198:** 18 months.
- **SOLVENT ST/121:** 18 months.
- **SOLVENT ST/512:** 18 months.

- **SOLVENT ST/133:** 18 months.
- **SOLVENT ST/143/E:** 18 months.
- **SOLVENT ST 513:** 18 months.

Store in the original container, at temperatures between +5° and +25°C

## COMMERCIAL FORMAT

Product	Code	Packaging	Pcs
PRIMER 13	1103275	0.5 kg bottle.	-
PRIMER GX	1103273	50 g bottle	-
PRIMER GX	1103274	1 kg bottle	-
PRIMER GTWIN N (A)	1103271	1 kg bottle	-
PRIMER GTWIN N (B)	1103272	0.081 kg bottle.	-
PRIMER WPX	1103247	50 g bottle	-
PRIMER WPX	1103248	0.7 kg bottle.	-
PRIMER LM/BV	1103252	80 g bottle	-
PRIMER LM/BV	1103251	bottle 0.8 kg	-
ST/121	1100541	5 kg tins	4
ST/121	1100540	15 kg tins	1
ST/133	1100544	15 kg tins	1
ST/143/E	1006215	15 kg tins	1
ST/191	1102105	5 kg tins	1
ST/191	1102106	15 kg tins	4
ST/198	1100607	14 kg tins	1
ST/512	1102216	5 kg tins	4
ST/512	1102216	15 kg tins	1
ST/513	1102102	5 kg tins	4
ST/513	1102103	15 kg tins	1
PULITORE E	1102170	1-litre bottle	-
PULITORE R	1102186	1-litre bottle	-

Other sizes available on request.



## SELECTION TABLE

	SUBSTRATES	MS SCREEN	MS TECHNO SCREEN	MS DECK BONDING	MS DECK CAULKING	MS TECHNO FR	MS SUPER	MS SUPER SEAL	MS SUPERFAST	MS SHEET VHT	MS TECHNO	MS TECHNO SEAL	Z.POLY FLEX CLEAR	MS SPECIAL N	MS CERBONDING	MS RESINBOND	MS SPRAY F	MS TECHNO PRO/F	MS WOODBONDING	MS CRISTALLINO	MS TECHNOLIGHT	Primer Cleaner Surface treatment	
		MS SCREEN	MS TECHNO SCREEN	MS DECK BONDING	MS DECK CAULKING	MS TECHNO FR	MS SUPER	MS SUPER SEAL	MS SUPERFAST	MS SHEET VHT	MS TECHNO	MS TECHNO SEAL	Z.POLY FLEX CLEAR	MS SPECIAL N	MS CERBONDING	MS RESINBOND	MS SPRAY F	MS TECHNO PRO/F	MS WOODBONDING	MS CRISTALLINO	MS TECHNOLIGHT		
Plastics – Elastomers	Rigid PVC	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX	
	Plasticised PVC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer 13	
	Fibreglass coat side	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	ST 121 / Sanding + ST 121	
	Fibreglass	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	ST 121 / Sanding + ST 121	
	Methacrylate	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	●	Primer 13	
	Generic polycarbonate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Polystyrene	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX
	ABS	●	—	—	—	—	—	●	●	●	●	●	●	●	●	—	—	—	—	—	●	●	ST 198 / Primer WP
	EPDM	—	—	—	—	—	—	● MS SUPER	● MS SUPER	●	●	●	●	—	—	—	—	—	—	—	—	—	ST 198 / Sanding
	Laminate (phenolic side)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX
Glass	Mirrors	●	—	—	—	—	●	●	●	●	●	●	—	—	—	—	—	—	—	—	●	—	
	Glass	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Cleaner E
	Ceramic windscreen glass	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Cleaner E Primer GX* – TWIN*	
	Vitrified ceramic	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—
Metals	Anodised aluminium	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—
	Aluminium	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Sanding Primer WPX
	Stainless Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX – Primer 13
	Painted steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX – Primer 13
	Galvanised sheet metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX – Primer 13
Painted surface	Painted sheet metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX – Primer 13
	Painted aluminium	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX – Primer 13
	Painted wood	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX – Primer 13
Porous materials	Non-treated wood	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer WPX
	Parquet	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Wood for marine use	—	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Primer LM/BV**
	Cement	—	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Primer LM/BV
	Marble and natural stones	—	—	—	—	—	● MS SUPER/SUPERFAST	● MS SUPER/SUPERFAST	●	●	●	●	—	—	—	—	—	—	—	—	—	—	Primer LM/BV
	Ceramics	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—
	Brick	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Primer LM/BV
Coatings	Textile / carpet	—	●	—	—	—	—	—	—	—	—	—	●	—	—	—	—	—	—	—	—	—	
	Vinyl / resilient	—	●	—	—	—	—	—	—	—	—	—	●	—	—	—	—	—	—	—	—	ST 512	
	Marine rubber	—	●	—	—	—	—	—	—	—	—	—	●	—	—	—	—	—	—	—	—	ST 512	

- Use without primer. Metal washing with **ST 512**.
- Use normally without primer, unless specific tests show the need for primer, use the type or simple wash as indicated.
- Generally used with primer. Use the indicated primer if necessary.
- Unintended or limited use to be verified; check compatibility and/or adhesion before application.
- \* WPX for ceramic-coated windscreens. **GX - G TWIN** for untreated windscreens.
- \*\* With **MS TECHNO PRO/F** and **MS WOODBONDING MANDATORY** use of the **Primer LM/BV**.

