



# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

## n° DOP-IT- 87

1. Unique identification code of the product-type: **INTOCALCE ST 15 (ST-FR)**
2. Type number: **MORTAR PRODUCED IN FACTORY FOR GENERAL PURPOSES (GP)**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **for internal/external plasters.**
4. Name, registered name or registered trade mark and contact address of the manufacturer as required pursuant to 11, (5): **MALVIN SRL– industrial area ASI state road 7 bis km 15,400 - 81030 Gricignano D'Aversa (CE) - www.malvinsrl.com**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12 (2): **not applicable.**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 4.**
7. In case of declaration of performance concerning a construction product covered by a harmonized standard: **The notified body has no tasks to be carried out.**
8. In case of a declaration of performance concerning a construction product for which has been issued an European technical assessment: **not applicable.**
9. Declared performance

| Main characteristics                       | Performance           | Norm          |
|--|-----------------------|---------------|
| Fire reaction                              | class A1              | EN 998-1:2010 |
| Water absorption "c"                       | W0                    |               |
| Water vapor diff. Coeff. "μ"               | 20                    |               |
| Adhesion                                   | 0,5 N/mm <sup>2</sup> |               |
| Thermal conductivity (tabulated value) "λ" | 0,47 W/mK             |               |
| Durability                                 | NPD                   |               |
| Dangerous substances                       | see SDS               |               |

10. 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 for and on behalf of the manufacturer, by: **Giovanni Vittorioso - Sole Administrator**

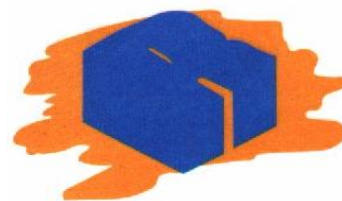
**Gricignano D'Aversa, 30/06/2013**



EN 998-1:2010

## MALVIN SRL

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10

### INTOCALCE ST 15 (ST-FR) (EN 998-1)

n° DoP-IT - 87

Mortar for general purposes produced in factory for interiors and exteriors (GP)

|  |                        |
|--|------------------------|
| Fire reaction                              | class A1               |
| Water absorption "c"                       | W0                     |
| Water vapor diff. Coeff. "μ"               | 20                     |
| Adhesion                                   | 0,50 N/mm <sup>2</sup> |
| Thermal conductivity (tabulated value) "λ" | 0,47 W/mK              |
| Durability                                 | NPD                    |
| Dangerous substances                       | see SDS                |

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*The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.*



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# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

n° **DOP-IT- 88**

1. Unique identification code of the product-type: **INTOCALCE ST15-I (ST-FR-I)**
2. Type number: **MORTAR PRODUCED IN FACTORY FOR GENERAL PURPOSES (GP)**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **for internal/external plasters.**
4. Name, registered name or registered trade mark and contact address of the manufacturer as required pursuant to 11, (5): **MALVIN SRL– industrial area ASI state road 7 bis km 15,400 - 81030 Gricignano D'Aversa (CE) - [www.malvinsrl.com](http://www.malvinsrl.com)**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12 (2): **not applicable.**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 4.**
7. In case of declaration of performance concerning a construction product covered by a harmonized standard: **The notified body has no tasks to be carried out.**
8. In case of a declaration of performance concerning a construction product for which has been issued an European technical assessment: **not applicable.**
9. Declared performance

| Main characteristics                       | Performance           | Norm          |
|--|-----------------------|---------------|
| Fire reaction                              | class A1              | EN 998-1:2010 |
| Water absorption "c"                       | W1                    |               |
| Water vapor diff. Coeff. "μ"               | 20                    |               |
| Adhesion                                   | 0,5 N/mm <sup>2</sup> |               |
| Thermal conductivity (tabulated value) "λ" | 0,47 W/mK             |               |
| Durability                                 | NPD                   |               |
| Dangerous substances                       | See SDS               |               |


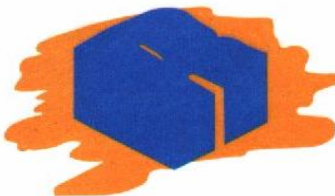
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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

Signed for and on behalf of the manufacturer, by: **Giovanni Vittorioso - Sole Administrator**

**Gricignano D'Aversa, 30/06/2013**



|  |  |   |
|--|--|---|
| <br><b>EN 998-1:2010</b>  | <b>MALVIN SRL</b><br><i>Registered office and Factory:</i><br>Zona ASI, S. S. 7 bis Km 15,400<br>81030 Gricignano Di Aversa (CE)<br><b>www.malvinsrl.com</b> |  |
| <p style="text-align: center;"><b>10</b><br/> <b>INTOCALCE ST 15-I (ST-FR-I) (EN 998-1)</b><br/> n° DoP-IT - 88</p> <p style="text-align: center;">Mortar for general purposes produced in factory for internal and external plasters (GP)</p> |  |   |
| Fire reaction  | class A1   |   |
| Water absorption "c"   | W1   |   |
| Water vapor diff. Coeff. "μ"   | 20   |   |
| Adhesion   | 0,50 N/mm <sup>2</sup>   |   |
| Thermal conductivity (tabulated value) "λ"   | 0,47 W/mK  |   |
| Durability   | NPD  |   |
| Dangerous substances   | see SDS  |   |

# MALVIN

*The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.*



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# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

n° **DOP-IT-89**

1. Unique identification code of the product-type: **INTOCALCE ST 15 (FR) – M15**
2. Type number: **MASONRY MORTAR AT GUARANTEED PERFORMANCE, FOR GENERAL PURPOSES (G-M15)**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **for internal/external masonry elements subject to structural requirements.**
4. Name, registered name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11, (5): **MALVIN SRL – industrial area ASI state road 7 bis km 15,400 - 81030 Gricignano D'Aversa (CE) - www.malvinsrl.com**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2): **not applicable.**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 2+.**
7. In case of declaration of performance concerning a construction product covered by a harmonized standard: **The notified body TECNOPROVE SRL, N. 925, has done the initial inspection of the production plant and the control of the factory production and surveillance, assessment and evaluation of the factory production control, according to the system 2+, and has issued the certificate of conformity of the factory production control N. 925- CPR M c n.11/2015 of 02/02/2015.**
8. In case of a declaration of performance concerning a construction product for which has been issued an European technical assessment: **not applicable.**
9. Declared performance

| Main characteristics  | Performance                                     | Norm          |
|---|---|---------------|
| Compressive strenght  | M15   | EN 998-2:2010 |
| Adhesion initial ( tabulated value )                              | 0,15 N/mm <sup>2</sup>                          |               |
| Chloride content "Cl"   | < 0,1 %   |               |
| Reaction to fire  | Class A1  |               |
| Water absorption "c"  | 0,55 Kg/( m <sup>2</sup> • min <sup>0.5</sup> ) |               |
| Water vapor permeability coeff (tabulated value) "μ"              | 5 < μ < 20                                      |               |
| Thermal conductivity (tabulated value) "λ <sub>10,dry,mat</sub> " | 0,47 W/mK                                       |               |
| Durability  | NPD   |               |
| Dangerous substances  | see SDS   |               |

10. 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 for and on behalf of the manufacturer, by: **Giovanni Vittorioso - Sole Administrator**

Gricignano D'Aversa, 30/06/2013


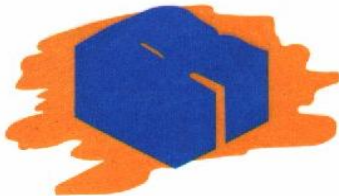


# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

## n° DOP-IT- 89



|   |   |  |
|---|---|--|
| <div><br/><b>0925</b><br/><b>EN 998-2:2010</b><br/><b>0925 CPR M c n.11/2015</b></div>   | <div><b>MALVIN SRL</b><br/><i>Registered office and Factory:</i><br/>Zona ASI, S. S. 7 bis Km 15,400<br/>81030 Gricignano Di Aversa (CE)<br/><b>www.malvinsrl.com</b></div> | <div></div> |
| <div><b>10</b><br/><b>INTOCALCE ST 15 (FR) – M15</b><br/>n° DoP-IT - 89</div> <div>Masonry mortar for general purposes (G) at guaranteed performance<br/>for internal/external masonry elements subjected to structural requirements.</div> |   |  |
| Compressive strenght  | M15   |  |
| Adhesion initial (tabulated value )   | 0,15 N/mm <sup>2</sup>  |  |
| Chloride content "Cl"   | < 0,1 %   |  |
| Reaction to fire  | Class A1  |  |
| Water absorption "c"  | 0,55 Kg/( m <sup>2</sup> • min <sup>0,5</sup> )   |  |
| Water vapor permeability coeff (tabulated value) "μ"  | 5 < μ < 20  |  |
| Thermal conductivity (tabulated value) "λ <sub>10,dry,mat</sub> "   | 0,47 W/mK   |  |
| Durability  | NPD   |  |
| Dangerous substances  | see SDS   |  |

*The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.*



# MALVIN





# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

n° **DOP-IT-90**

1. Unique identification code of the product-type: **INTOCALCE ST 15-I (FR-I) – M15**
2. Type number: **MASONRY MORTAR AT GUARANTEED PERFORMANCE, FOR GENERAL PURPOSES (G-M15)**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **for internal/external masonry elements subject to structural requirements.**
4. Name, registered name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11, (5): **MALVIN SRL – industrial area ASI state road 7 bis km 15,400 - 81030 Gricignano D'Aversa (CE) - www.malvinsrl.com**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2): **not applicable.**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 2+.**
7. In case of declaration of performance concerning a construction product covered by a harmonized standard: **The notified body TECNOPROVE SRL, N. 925, has done the initial inspection of the production plant and the control of the factory production and surveillance, assessment and evaluation of the factory production control, according to the system 2+, and has issued the certificate of conformity of the factory production control N. 925- CPR M c n.11/2015 of 02/02/2015.**
8. In case of a declaration of performance concerning a construction product for which has been issued an European technical assessment: **not applicable.**
9. Declared performance

| Main characteristics  | Performance                                      | Norm          |
|---|--|---------------|
| Compressive strenght  | M15  | EN 998-2:2010 |
| Adhesion initial ( tabulated value )                              | 0,15 N/mm <sup>2</sup>                           |               |
| Chloride content "Cl"   | < 0,1 %  |               |
| Reaction to fire  | Class A1   |               |
| Water absorption "c"  | ≤0,40 Kg/( m <sup>2</sup> • min <sup>0,5</sup> ) |               |
| Water vapor permeability coeff (tabulated value) "μ"              | 5 < μ < 20                                       |               |
| Thermal conductivity (tabulated value) "λ <sub>10,dry,mat</sub> " | 0,47 W/mK  |               |
| Durability  | NPD  |               |
| Dangerous substances  | see SDS  |               |

10. 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 for and on behalf of the manufacturer, by: **Giovanni Vittorioso - Sole Administrator**



**Gricignano D'Aversa, 30/06/2013**

# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

n° **DOP-IT- 90**



|   |  |   |
|---|--|---|
| <br><b>0925</b><br><b>EN 998-2:2010</b><br><b>0925 CPR M c n.11/2015</b>   | <b>MALVIN SRL</b><br><i>Registered office and Factory:</i><br>Zona ASI, S. S. 7 bis Km 15,400<br>81030 Gricignano Di Aversa (CE)<br><b>www.malvinsrl.com</b> |  |
| <p style="text-align: center;"><b>10</b><br/><b>INTOCALCE ST 15-I (FR-I) – M15</b><br/>n° DoP-IT - 90</p> <p style="text-align: center;">Masonry mortar for general purposes (G) at guaranteed performance<br/>for internal/external masonry elements subjected to structural requirements.</p> |  |   |
| Compressive strenght  | M15  |   |
| Adhesion initial (tabulated value )   | 0,15 N/mm <sup>2</sup>   |   |
| Chloride content "Cl"   | < 0,1 %  |   |
| Reaction to fire  | Class A1   |   |
| Water absorption "c"  | ≤0,40 Kg/( m <sup>2</sup> • min <sup>0,5</sup> )   |   |
| Water vapor permeability coeff (tabulated value) "μ"  | 5 < μ < 20   |   |
| Thermal conductivity (tabulated value) "λ <sub>10,dry,mat</sub> "   | 0,47 W/mK  |   |
| Durability  | NPD  |   |
| Dangerous substances  | see SDS  |   |

*The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.*



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Numero Verde  
800 - 142 999





# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

## n° DOP-IT-262

1. Unique identification code of the product-type: **INTOCALCE ST 15 FR - I**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11, (4): **MORTAR FOR NON STRUCTURAL REPAIR OF CONCRETE, TYPE CC-R1 (BASED ON HYDRAULIC BINDER).**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **product for the structural repair of concrete in buildings and civil engineering works.**
4. Name, registered name or registered trade mark and contact address of the manufacturer as required pursuant to 11, (5): **MALVIN SRL– industrial area ASI state road 7 bis km 15,400 - 81030 Gricignano D'Aversa (CE) - www.malvinsrl.com**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12 (2): **not applicable.**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 4.**
7. In case of declaration of performance concerning a construction product covered by a harmonized standard: **The notified body has no tasks to be carried out.**
8. In case of a declaration of performance concerning a construction product for which has been issued an European technical assessment: **not applicable.**
9. Declared performance

| Main characteristics           | Performance             | Norm           |
|--------------------------------|-------------------------|----------------|
| Compressive strength           | R1                      | EN 1504-3:2005 |
| Content of ions chlorides "Cl" | ≤ 0,05 %                |                |
| Adhesion                       | ≥ 0,8 N/mm <sup>2</sup> |                |
| Carbonating resistance         | NPD                     |                |
| Modulus of elasticity          | NPD                     |                |
| Thermal compatibility          | PASS                    |                |
| Capillary absorption           | NPD                     |                |
| Dangerous substances           | see SDS                 |                |
| Fire reaction                  | Class A1                |                |

10. 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 for and on behalf of the manufacturer, by: **Giovanni Vittorioso – Sole administrator**


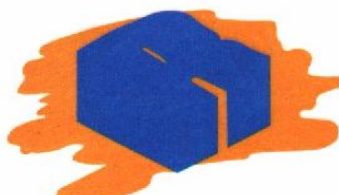
Gricignano D'Aversa, 02/02/2015

# DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

n° **DOP-IT- 262**



|   |  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
|---|--|---|----------------------|----|--------------------------------|----------|----------|-------------------------|------------------------|-----|-----------------------|-----|-----------------------|-----|----------------------|-----|----------------------|---------|---------------|----------|
| <br><b>0925</b><br><b>EN 1504-3:2005</b>   | <b>MALVIN SRL</b><br><i>Registered office and Factory:</i><br>Zona ASI, S. S. 7 bis Km 15,400<br>81030 Gricignano Di Aversa (CE)<br><b>www.malvinsrl.com</b> |  |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| <p style="text-align: center;"><b>15</b><br/><b>INTOCALCE ST 15 FR I – (EN 1504-3)</b><br/>n° DoP-IT - 262</p> <p style="text-align: center;">Mortar for non structural repair of concrete,<br/>type CC-R1 (based on hydraulic binder)</p> <table><tr><td>Compressive strength</td><td>R1</td></tr><tr><td>Content of ions chlorides "Cl"</td><td>≤ 0,05 %</td></tr><tr><td>Adhesion</td><td>≥ 0,8 N/mm<sup>2</sup></td></tr><tr><td>Carbonating resistance</td><td>NPD</td></tr><tr><td>Modulus of elasticity</td><td>NPD</td></tr><tr><td>Thermal compatibility</td><td>NPD</td></tr><tr><td>Capillary absorption</td><td>NPD</td></tr><tr><td>Dangerous substances</td><td>See SDS</td></tr><tr><td>Fire reaction</td><td>Class A1</td></tr></table> |  |   | Compressive strength | R1 | Content of ions chlorides "Cl" | ≤ 0,05 % | Adhesion | ≥ 0,8 N/mm <sup>2</sup> | Carbonating resistance | NPD | Modulus of elasticity | NPD | Thermal compatibility | NPD | Capillary absorption | NPD | Dangerous substances | See SDS | Fire reaction | Class A1 |
| Compressive strength  | R1   |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Content of ions chlorides "Cl"  | ≤ 0,05 %   |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Adhesion  | ≥ 0,8 N/mm <sup>2</sup>  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Carbonating resistance  | NPD  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Modulus of elasticity   | NPD  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Thermal compatibility   | NPD  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Capillary absorption  | NPD  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Dangerous substances  | See SDS  |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |
| Fire reaction   | Class A1   |   |                      |    |                                |          |          |                         |                        |     |                       |     |                       |     |                      |     |                      |         |               |          |

*The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.*



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