



DECLARATION OF PERFORMANCE

Pursuant to the Construction Products Regulation n° 305/2011

n° **DOP-IT-265**

1. Unique identification code of the product-type: **INTOCALCE RS 10 (FR) – M10**
2. Type number: **MASONRY MORTAR AT GUARANTEED PERFORMANCE (T-M5), FOR GENERAL PURPOSES (G-M10)**
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 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 strength	M10	EN 998-2:2010
Initial adhesion (tabulated value)	0,15 N/mm ²	
Chloride content "Cl"	< 0,1 %	
Fire reaction	Class A1	
Water absorption "c"	0,55 Kg/(m ² • min ^{0,5})	
Water vapor permeability coeff (tabulated value) "μ"	5 < μ < 20	
Thermal conductivity (tabulated value) "λ _{10,dry,mat} "	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**

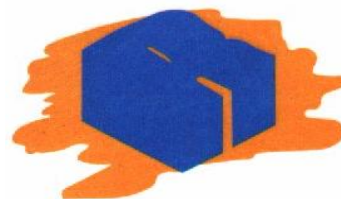
Gricignano D'Aversa, 30/06/2013



0925
EN 998-2:2010
0925 CPR M c n.11/2015

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10 INTOCALCE RS 10 (FR) – M10 n° DoP-IT - 265

Masonry mortar for general purposes (G) at guaranteed performance for internal/external masonry elements subject to structural requirements.

Compressive strenght	M10
Adhesion initial (tabulated value)	0,15 N/mm ²
Chloride content "Cl"	< 0,1 %
Reaction to fire	Class A1
Water absorption "c"	0,55 Kg/(m ² • min ^{0,5})
Water vapor permeability coeff (tabulated value) "μ"	5 < μ < 20
Thermal conductivity (tabulated value) "λ _{10,dry,mat} "	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-266**

1. Unique identification code of the product-type: **INTOCALCE RS 10 - I (FR-I) – M10**
2. Type number: **MASONRY MORTAR AT GUARANTEED PERFORMANCE, FOR GENERAL PURPOSES (G-M10)**
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 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 strength	M10	EN 998-2:2010
Initial adhesion (tabulated value)	0,15 N/mm ²	
Chloride content "Cl"	< 0,1 %	
Fire reaction	Class A1	
Water absorption "c"	≤0,40 Kg/(m ² • min ^{0,5})	
Water vapor permeability coeff (tabulated value) "μ"	5 < μ < 20	
Thermal conductivity (tabulated value) "λ _{10,dry,mat} "	0,47 W/mK	
Durability	NPD	
Dangerous substances	see SDS	


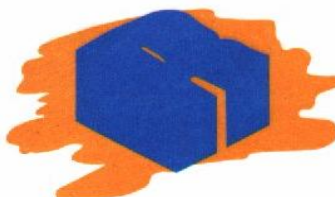
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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



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<div>10</div> <div>INTOCALCE RS 10 - I (FR-I) – M10</div> <div>n° DoP-IT - 266</div> <div>Masonry mortar for general purposes (G) at guaranteed performance for internal/external masonry elements subject to structural requirements.</div>		
Compressive strenght	M10	
Adhesion initial (tabulated value)	0,15 N/mm ²	
Chloride content "Cl"	< 0,1 %	
Reaction to fire	Class A1	
Water absorption "c"	≤0,40 Kg/(m ² • min ^{0,5})	
Water vapor permeability coeff (tabulated value) "μ"	5 < μ < 20	
Thermal conductivity (tabulated value) "λ _{10,dry,mat} "	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- 267**

1. Unique identification code of the product-type: **INTOCALCE RS 10 (ST 10 -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 ²	
Thermal conductivity (tabulated value) "λ"	0,47 W/mK	
Durability	NPD	
Dangerous substances	see SDS	


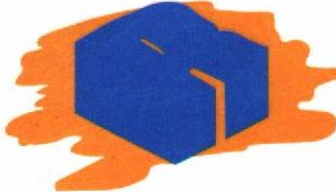
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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 <i>Registered office and Factory:</i> Zona ASI, S. S. 7 bis Km 15,400 81030 Gricignano Di Aversa (CE) www.malvinsrl.com	
<p style="text-align: center;">10 INTOCALCE RS 10 (RS 10 - FR) (EN 998-1) n° DoP-IT - 267</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"	W0	
Water vapor diff. Coeff. "μ"	20	
Adhesion	0,50 N/mm ²	
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- 94**

1. Unique identification code of the product-type: **INTOCALCE RS 10-I (RS 10 -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**
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 ²	
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**

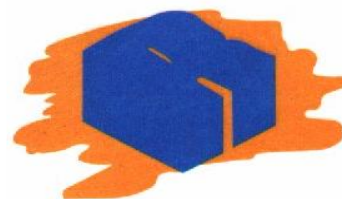
Gricignano D'Aversa, 30/06/2013



EN 998-1:2010

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INTOCALCE RS 10 - I (RS 10-FR-I) (EN 998-1)

n° DoP-IT - 94

Mortar for general purposes produced in factory for internal and external plasters (GP)

Fire reaction	class A1
Water absorption "c"	W1
Water vapor diff. Coeff. "μ"	20
Adhesion	0,50 N/mm ²
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-269**

1. Unique identification code of the product-type: **INTOCALCE RS 10 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 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 edifici e opere di ingegneria civile.**
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
Initial adhesion (tabulated value)	≤ 0,05 %	
Chloride content "Cl"	≥ 0,8 N/mm ²	
Fire reaction	NPD	
Water absorption "c"	NPD	
Water vapor permeability coeff (tabulated value) "μ"	PASS	
Thermal conductivity (tabulated value) "λ _{10,dry,mat} "	NPD	
Durability	see SDS	
Dangerous substances	Class A1	


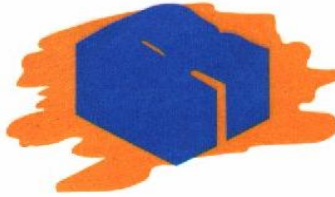
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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



 0925 EN 1504-3:2005	MALVIN SRL <i>Registered office and Factory:</i> Zona ASI, S. S. 7 bis Km 15,400 81030 Gricignano Di Aversa (CE) www.malvinsrl.com																			
<p style="text-align: center;">15 INTOCALCE RS 10 FR I – (EN 1504-3) n° DoP-IT - 269</p> <p style="text-align: center;">Mortar for the non structural repair of concrete, 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/mm²</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 ²	Carbonating resistance	NPD	Modulus of elasticity	NPD	Thermal compatibility	NPD	Capillary absorption	NPD	Dangerous substances	see SDS	Fire reaction	Class A1
Compressive strength	R1																			
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Carbonating resistance	NPD																			
Modulus of elasticity	NPD																			
Thermal compatibility	NPD																			
Capillary absorption	NPD																			
Dangerous substances	see SDS																			
Fire reaction	Class A1																			

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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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