

Unique identification code of the product: MARMOLINE DURA EP INJECTION - SUMMER

Type: Two component, solvent free, low viscosity, epoxy injection resin

It refers to all batches of MARMOLINE DURA EP INJECTION - SUMMER, produced after the issue of the present declaration

Intended use /es:

Concrete injection product for force transmitting filling of cracks (methods 4.5, 4.6)

Manufacturer /Distributor:

NORDIA S.A., Head Office: 364 Kifissias av., 15233 Chalandri /Greece, tel +302295022225

Manufacturing plant: 1st km Provincial Road Malakasas - Markopoulou, 19011 Malakasa, Attica, Greece**Systems of AVCP: 2+****Harmonized standards:** EN 1504-5:2004**Notified body/ies:** TUV AUSTRIA HELLAS (0906)**Declared performance /s:** U(F1)W(8)(1/2)(15/38)(0)

Essential characteristics	Performance	Harmonised technical spec.
Adhesion by tensile bond strength	Failure on substrate	EN 12618-2
Adhesion by slant shear strength	Monolithic failure (παρόμοια με τη μορφή αστοχίας του δοκιμίου ελέγχου)	EN 12618-3
Injectability into dry medium Crack width 0,8 mm. Determination of injectability and splitting test	Splitting test > 7N/mm ² Percentage of the crack filled >90%	EN 1771 EN 12618-2
Injectability into non-dry medium Crack width 0,8 mm. Determination of injectability and splitting test	Splitting test > 7N/mm ² Percentage of the crack filled >90%	EN 1771 EN 12618-2
Shrinkage	< 3%	EN 12617-2
Viscosity	< 1.5 Pa s	EN ISO 3219
Workable time	300 min	EN ISO 9514
Tensile strength development for polymers	Tensile strength >3 N/mm ² within 72h at the minimum use temperature	EN 1543
Compatibility with concrete: Adhesion by tensile bond strength	Cohesive failure in the concrete	EN 12618-2
Corrosion Behavior	Non corrosive	According to §5.3
Release of dangerous substances	pass	According to §5.4
Glass transition temperature	> 40° C	EN 12614

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Malakasa, 21/1/2025

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Christina Karantoni

R&D-QC manager /Decorative-liquid products & tinting

Unique identification code of the product: MARMOLINE DURA EP INJECTION - WINTER

Type: Two component, solvent free, low viscosity, epoxy injection resin

It refers to all batches of MARMOLINE DURA EP INJECTION - WINTER, produced after the issue of the present declaration

Intended use /es:

Concrete injection product for force transmitting filling of cracks (methods 4.5, 4.6)

Manufacturer /Distributor:

NORDIA S.A., Head Office: 364 Kifissias av., 15233 Chalandri /Greece, tel +302295022225

Manufacturing plant: 1st km Provincial Road Malakasas - Markopoulou, 19011 Malakasa, Attica, Greece**Systems of AVCP: 2+****Harmonized standards:** EN 1504-5:2004**Notified body/ies:** TUV AUSTRIA HELLAS (0906)**Declared performance /s:** U(F1)W(8)(1/2)(5/23)(0)

Essential characteristics	Performance	Harmonised technical spec.
Adhesion by tensile bond strength	Failure on substrate	EN 12618-2
Adhesion by slant shear strength	Monolithic failure (παρόμοια με τη μορφή αστοχίας του δοκιμίου ελέγχου)	EN 12618-3
Injectability into dry medium Crack width 0,8 mm. Determination of injectability and splitting test	Splitting test > 7N/mm ² Percentage of the crack filled >90%	EN 1771 EN 12618-2
Injectability into non-dry medium Crack width 0,8 mm. Determination of injectability and splitting test	Splitting test > 7N/mm ² Percentage of the crack filled >90%	EN 1771 EN 12618-2
Shrinkage	< 3%	EN 12617-2
Viscosity	< 1.5 Pa s	EN ISO 3219
Workable time	60 min	EN ISO 9514
Tensile strength development for polymers	Tensile strength >3 N/mm ² within 72h at the minimum use temperature	EN 1543
Compatibility with concrete: Adhesion by tensile bond strength	Cohesive failure in the concrete	EN 12618-2
Corrosion Behavior	Non corrosive	According to §5.3
Release of dangerous substances	pass	According to §5.4
Glass transition temperature	> 40° C	EN 12614

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