

Certificate 0799-CPD-78.1

Factory Production Control

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction products

MACTEX AR	1
MACTEX BN	08.1, 09.1, 10.1, 12.1, 16.1, 25.1, 30.1, 40.1, 45.1, 50.1, 55.1, 60.1, 70.1, 80.1, 90.1
MACTEX BPN	100.1, 300.1, 500.1, 700.1
MACTEX EC	412, 416, 520, 540, 550, 610
MACTEX H	10.1, 15.1, 20.1, 25.1, 30.1, 35.1, 40.1, 45.1, 50.1, 55.1, 60.1, 65.1, 70.1, 80.1, 90.1
MACTEX N	10.1, 15.1, 20.1, 25.1, 30.1, 35.1, 40.1, 45.1, 50.1, 55.1, 60.1, 65.1, 70.1, 80.1, 90.1
MACTEX PH	100.1, 200.1, 300.1
MACTEX PN	100.1, 200.1, 300.1, 500.1, 700.1, 900.1
MACTEX W2	3S, 5S, 7S, 8S, 10S, 12S, 15S, 20S, 30S 07.03, 10.05, 10.20, 10.30, 10.40, 15.05, 20.05, 30.05, 30.10, 40.05, 50.05, 50.10, 60.05, 60.10, 80.05, 80.10, 100.05, 100.10, 125.10

sold by

Officine Maccaferri S.p.A.

Via Kennedy, 10
40069 Zola Predosa (Bologna)
Italy

produced in the factories

Code OM-2006-I, OM-2006-III, OM-2011-II

are submitted by the manufacturer to the initial type-testing of the products, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body tBU - Institut für textile Bau- und Umwelttechnik GmbH, Greven, Germany, has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standards


EN 13249:2000 + A1:2005, 13250:2000 + A1:2005, 13251:2000 + A1:2005, 13252:2000 + A1:2005, 13253:2000 + A1:2005, 13254:2000 + A1:2005, 13255:2000 + A1:2005, 13256:2000 + A1:2005, 13257:2000 + A1:2005, 13265:2000 + A1:2005

were applied.

This certificate was first issued for geotextiles and related products on 09.05.2007 and for geosynthetic barriers on 23.10.2008 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Greven, 11.05.2011




Prof. Dr.-Ing. Müller-Rochholz



Institut für textile Bau- und Umwelttechnik GmbH
Institute for textile building and environment technology
Gutenbergstr. 29 • 48268 Greven • Germany

Certificate 0799-CPD-78.2

Factory Production Control

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction products

MacLine P 060, 075, 100, 150, 200; 060 R, 100 R
MacLine RDH 100, 150, 200, 250, 300
MacLine RMH 100, 150, 200, 250, 300
MacLine SDH 100, 150, 200, 250, 300

sold by

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Via Kennedy, 10
40069 Zola Predosa (Bologna)
Italy

produced in the factory **OM-2006-II**

are submitted by the manufacturer to the initial type-testing of the products, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body tBU - Institut für textile Bau- und Umwelttechnik GmbH, Greven, Germany, has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standards


**EN 13361:2004, 13362:2005, 13491:2004, 13492:2004,
13493:2005, 13956:2005 + AC:2006, 13967:2004**

were applied.

This certificate was first issued for geotextiles and related products on 09.05.2007 and for geosynthetic barriers on 23.10.2008 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Greven, 11.05.2011




Prof. Dr.-Ing. Müller-Rochholz



Institut für textile Bau- und Umwelttechnik GmbH
Institute for textile building and environment technology
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Certificate 0799-CPD-78.3

Factory Production Control

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction products

MACGRID AR 5.7, 5.7/I, 5.7/II, 10.7, 10.7/I, 10.7/II, 12.7, 12.7/I, 12.7/II, 20.7, 20.7/I, 20.7/II, 5A.7, 5A.7/I, 5A.7/II, 10A.7, 10A.7/I, 10A.7/II, 12A.7, 12A.7/I, 12A.7/II, 20A.7, 20A.7/I, 20A.7/II
5G.7, 5G.7/I, 5G.7/II, 10G.7, 10G.7/I, 10G.7/II, 12G.7, 12G.7/I, 12G.7/II, 20G.7, 20G.7/I, 20G.7/II

sold by

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40069 Zola Predosa (Bologna)
Italy

produced in the factory **OM-2006-IV**

are submitted by the manufacturer to the initial type-testing of the products, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body tBU - Institut für textile Bau- und Umwelttechnik GmbH, Greven, Germany, has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standard

EN 15381:2008

were applied.

This certificate was first issued for geotextiles and related products on 09.05.2007 and for geosynthetic barriers on 23.10.2008 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Greven, 11.05.2011



Prof. Dr.-Ing. Müller-Rochholz