



Marmotest s.a.s di Davide Rocca & c.
p.iva 01163160458
Via Brigade Partigiane n. 47
tel/fax n. +39.0187.968633 mob. +39.342.5343505
info@marmotest.com



number 127310

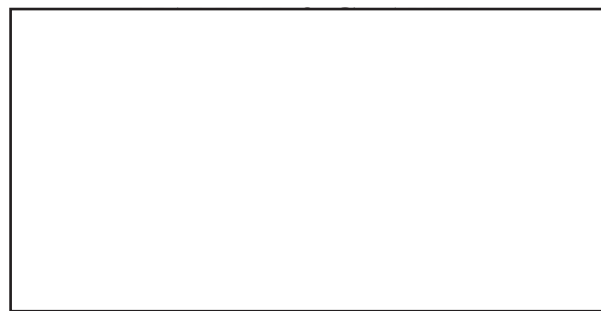
TEST REPORT

MG004P

ASTM C1583 / C1583M

**TEST METHOD FOR TENSILE STRENGTH OF CONCRETE SURFACES AND THE BOND
STRENGTH**

CLIENT



TRADE NAME

MICRO CRYSTAL GLASS

TYPE OF CEMENT USED IN THE SCREED

WEBER MR 81

**TYPE OF BOND SCREED / MICRO
CRYSTAL GLASS**

**PROMARMO
WEBER**

TYPE OF EPOXY BOND

PATTEX EPOXY BOND

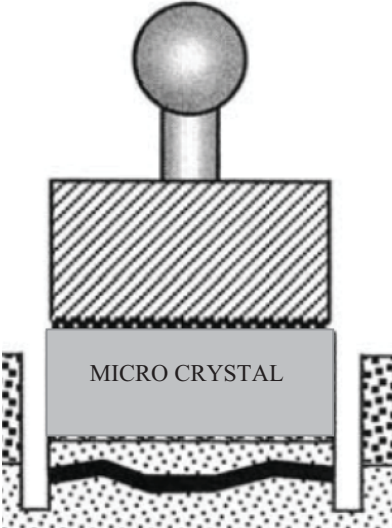
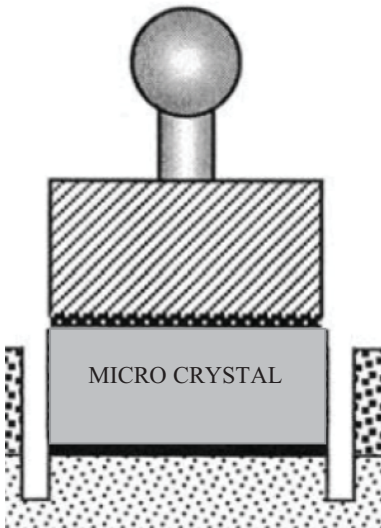
Carrara, 18 December 2014

Test report: MG004P

BOND BETWEEN MICROCRYSTAL AND STEEL DISK: EPOXY BOND



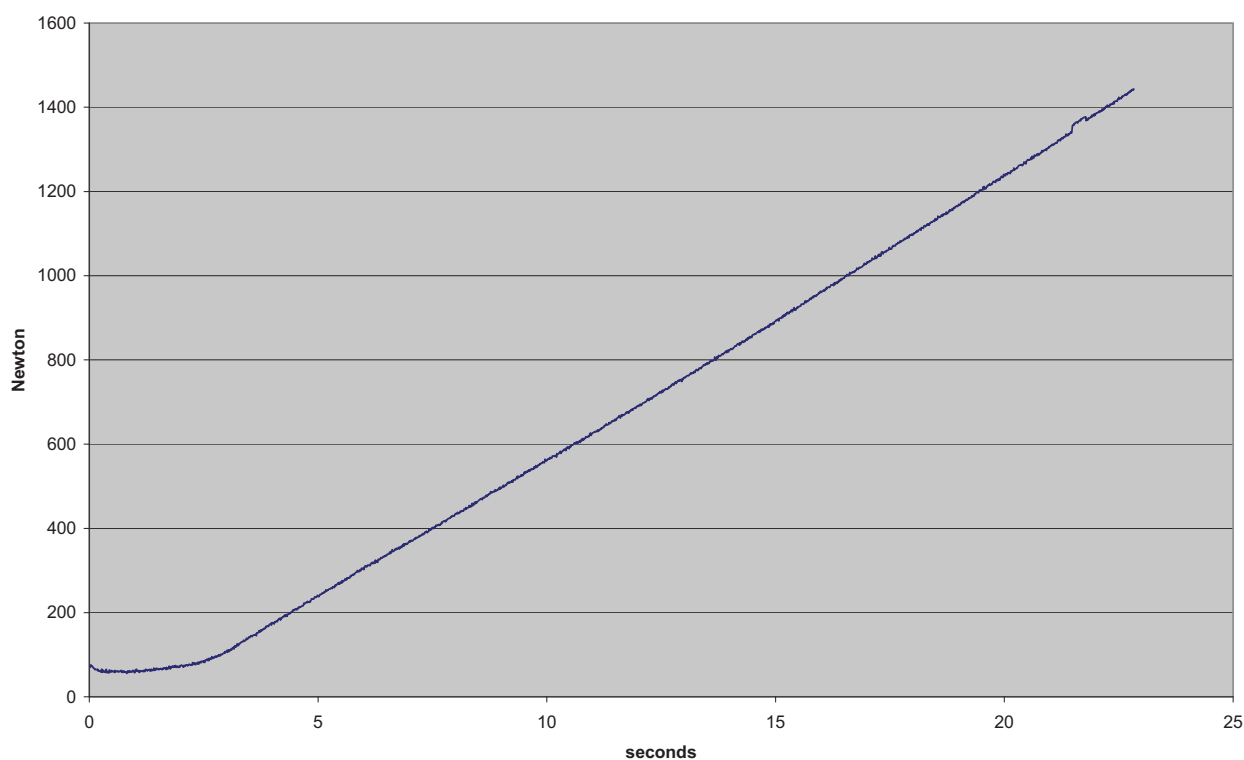
Tensile load gradient during the test: 35 ± 15 kPa/s

FAILURE MODE A	FAILURE MODE B
FAILURE IN CEMENT SCREED	BOND FAILURE AT CEMENT SCREED/MICRO CRYSTAL INTERFACE
	

SPECIMEN MG004P_01 TEST RESULTS



MG004P_01 LOAD GRAPHS

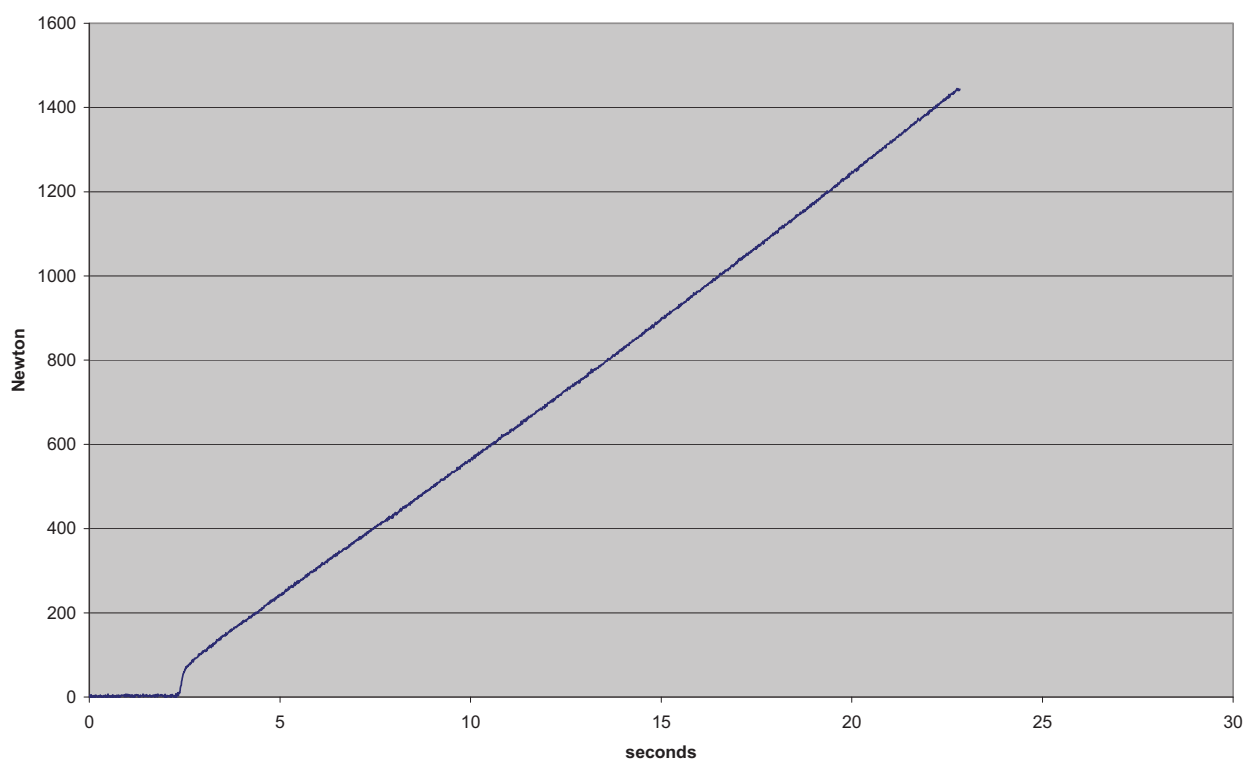


Name	Ø1 [mm]	Ø2 [mm]	Øaverage [mm]	Sup [mm²]	Load [N]	Sigma MPa
MG004P_01	42,27	42,68	42,48	1416,96	1501	1,06

SPECIMEN MG004P_02 TEST RESULTS



MG004P_02 LOAD GRAPHS

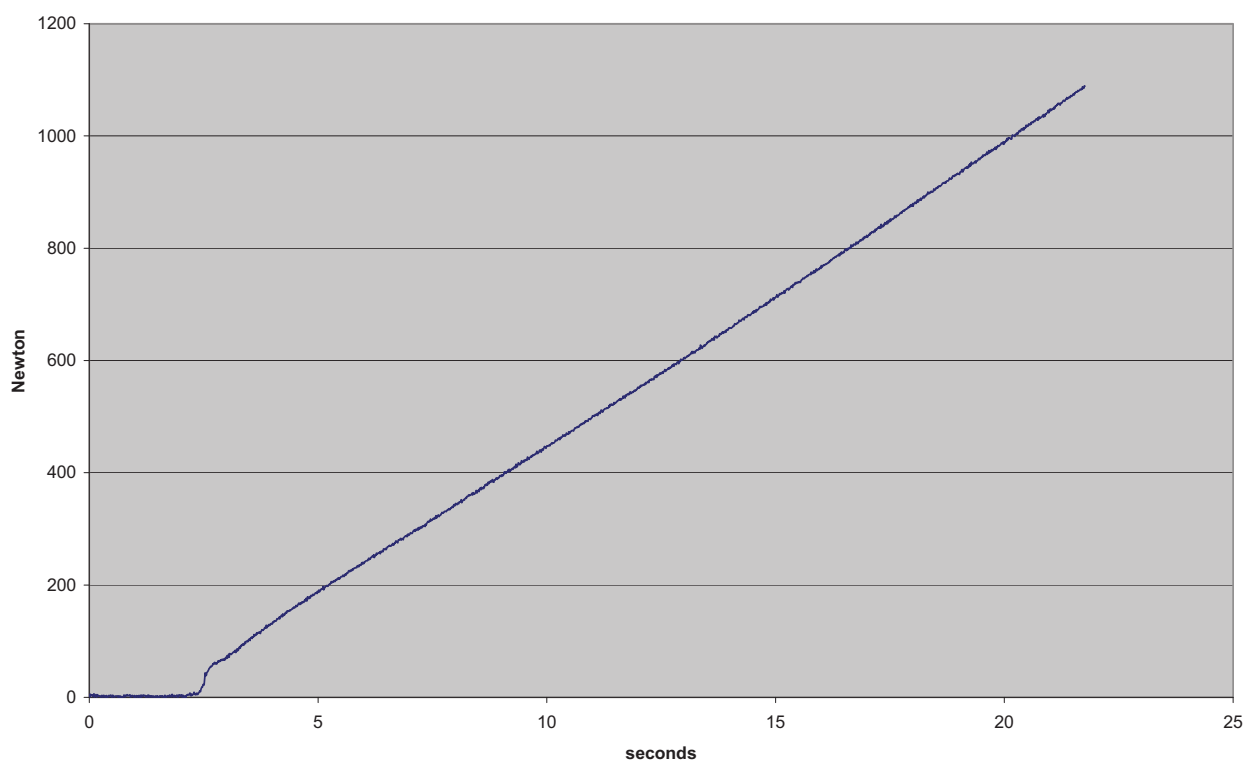


Name	Ø1 [mm]	Ø2 [mm]	Øaverage [mm]	Sup [mm ²]	Load [N]	Sigma MPa
MG004P_02	42,19	42,74	42,47	1416,29	1530	1,08

SPECIMEN MG004P_03 TEST RESULTS



MG004P_03 LOAD GRAPHS

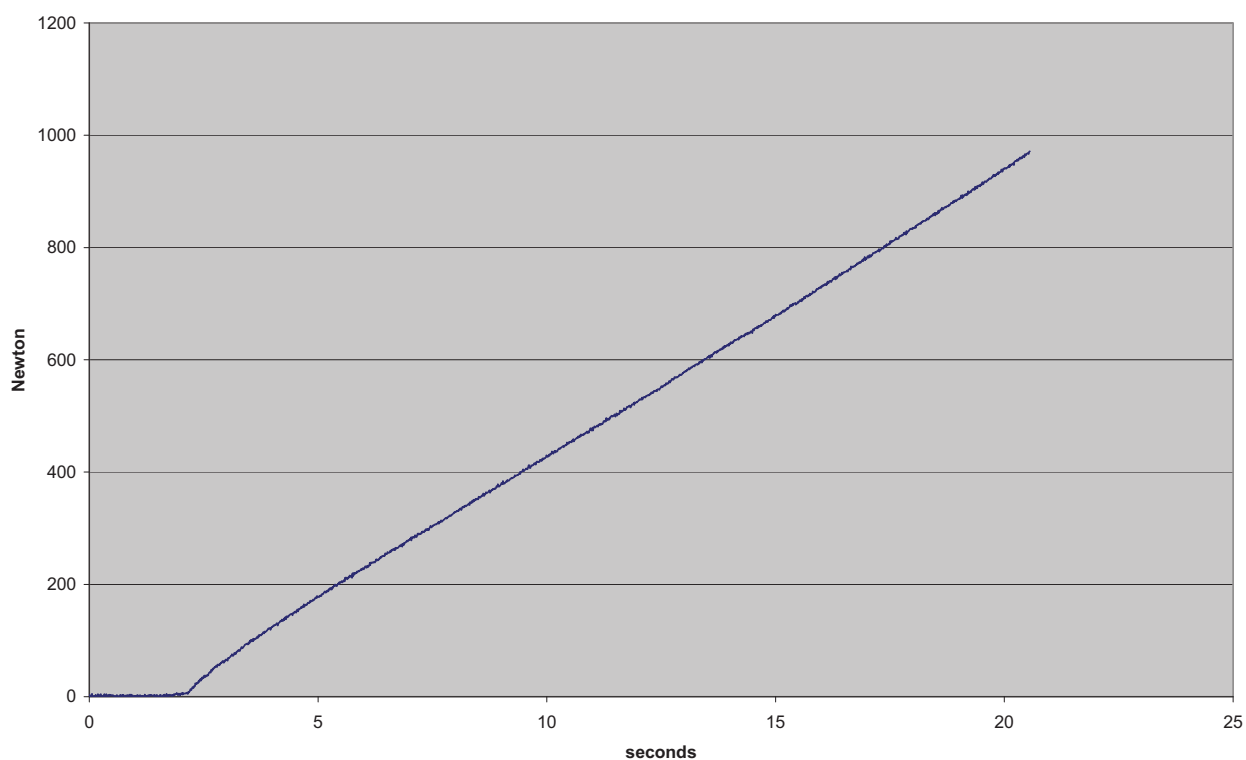


Name	Ø1 [mm]	Ø2 [mm]	Øaverage [mm]	Sup [mm ²]	Load [N]	Sigma MPa
MG004P_03	42,22	42,71	42,47	1416,29	1099	0,78

SPECIMEN MG004P_04 TEST RESULTS



MG004P_04 LOAD GRAPHS

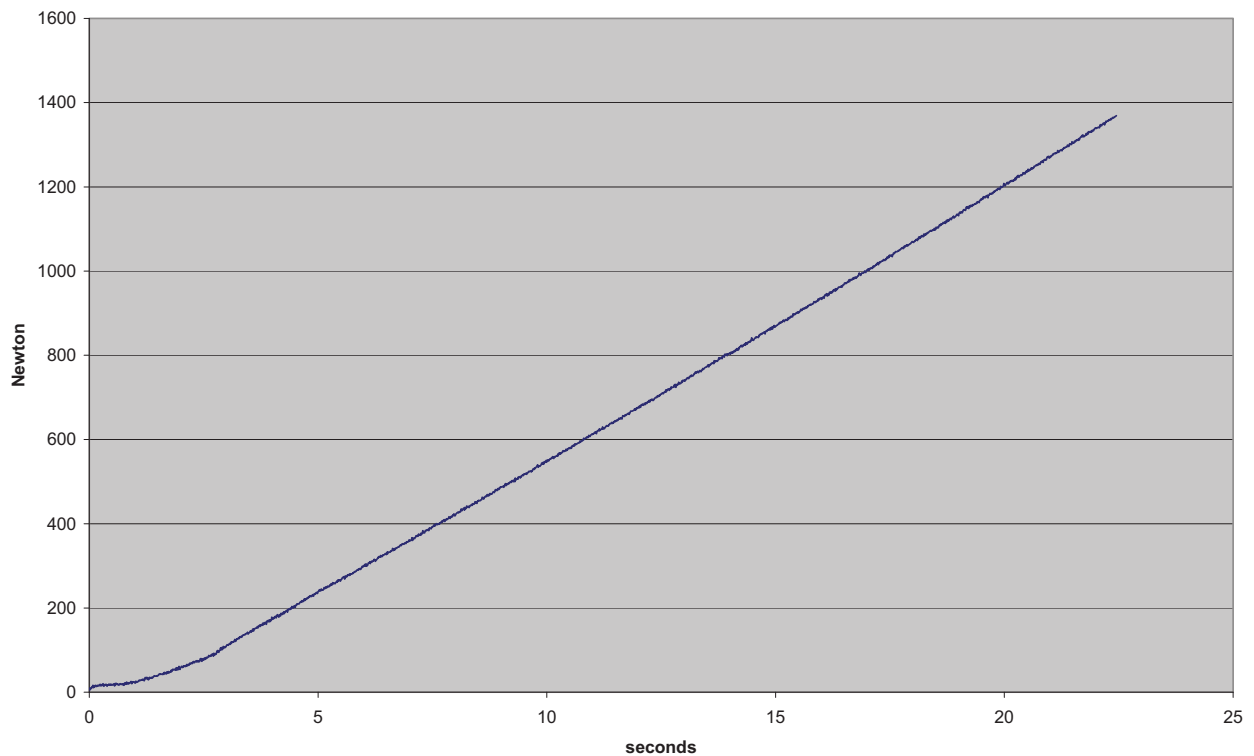


Name	Ø1 [mm]	Ø2 [mm]	Øaverage [mm]	Sup [mm ²]	Load [N]	Sigma MPa
MG004P_04	42,22	42,71	42,47	1416,29	971	0,69

SPECIMEN MG004P_05 TEST RESULTS

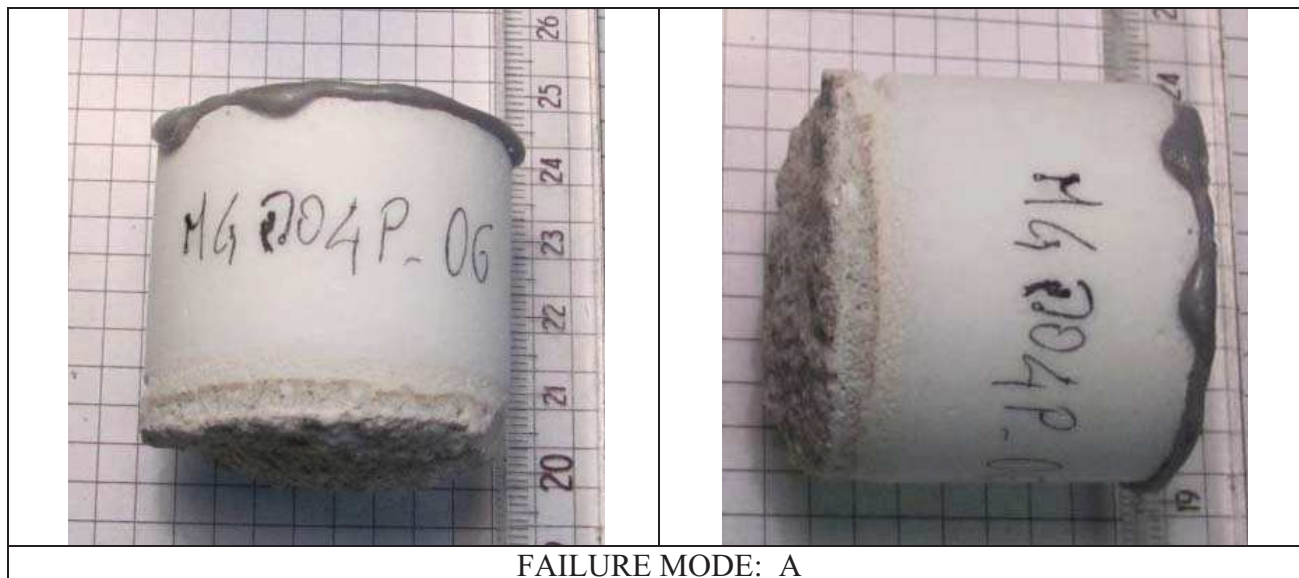


MG004P_05 LOAD GRAPHS

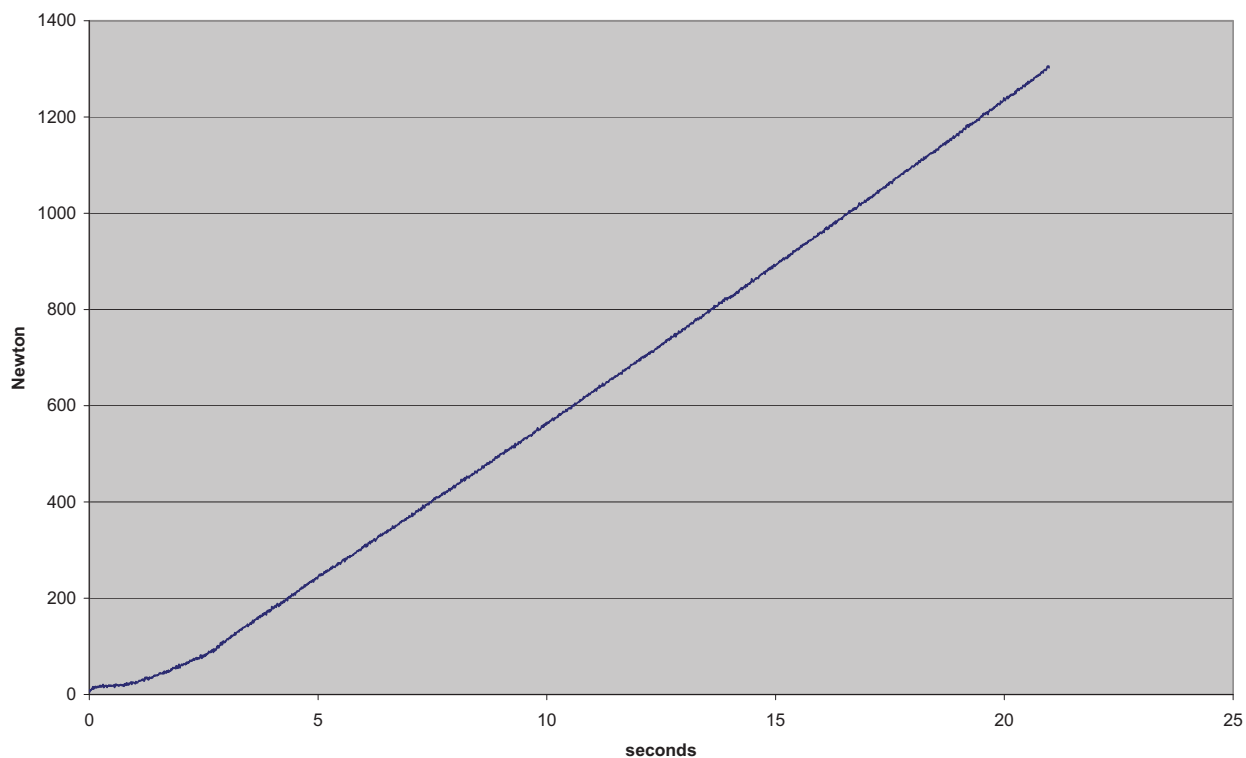


Name	Ø1 [mm]	Ø2 [mm]	Øaverage [mm]	Sup [mm²]	Load [N]	Sigma MPa
MG004P_05	42,28	42,87	42,58	1423,64	1364	0,96

SPECIMEN MG004P_06 TEST RESULTS

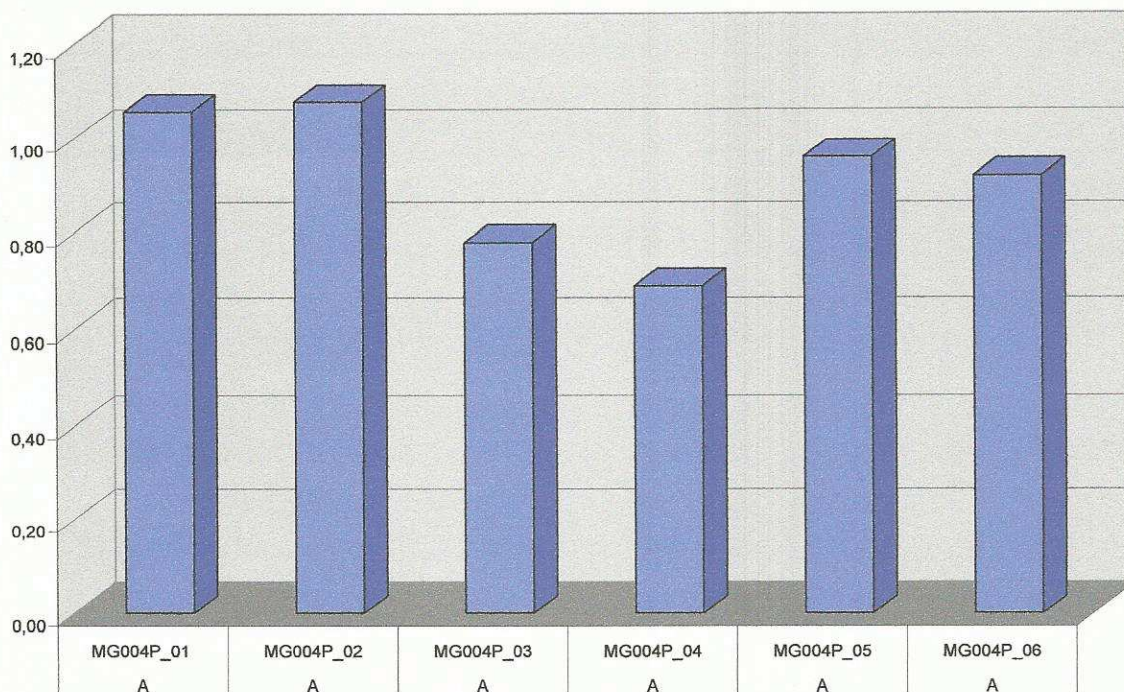


MG004P_06 LOAD GRAPHS



Name	Ø1 [mm]	Ø2 [mm]	Øaverage [mm]	Sup [mm ²]	Load [N]	Sigma MPa
MG004P_06	42,21	42,91	42,56	1422,63	1305	0,92

MICRO CRYSTAL - PROMARMO MODE OF FAILURE



AVERAGE VALUE

PULL OUT AVERAGE VALUE

0,92 ± 0,15 MPa

FAILURE MODE A

0,92 MPa

100%

Marmotest s.a.s.
di DAVIDE ROCCA & C.
Via Brigade Partigiane, 47
54033 Carrara (MS)
P. IVA 01163160458