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UNIVERSITÀ DEGLI STUDI DI PADOVA

DIPARTIMENTO DI INGEGNERIA CIVILE, EDILE E AMBIENTALE

Laboratorio Sperimentale per le Prove sui Materiali da Costruzione

DEPARTMENT OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING

Building materials testing Laboratory

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TEST REPORT N. 35643

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Applicant: Eterno Ivica S.r.l., via Austria Z.I. n. 25/E - Padova

Application: Received at 22/01/2013

Material: 3 samples of "EH20" support series, received at 22/01/2013

Required test: Measure the maximum compressive load of the specimen and the displacement of the testing machine's crossbar.

Testing method: The compression tests were made for all the 3 samples.
Testing speed set to 10 mm/min (checking movement of moving crossbar of the universal testing machine Galdabini, type Sun/60, with a load capacity of 600 kN).
The load applied with two hardened steel plate at the centred on the pedestal.
The values of maximum load (F_{max}) are the values of load at first failure/rupture.
The testing machine's certificate of calibration is n°020-13F about Calibration centre LAT n° 34 with due data January 15th, 2014.
Test activities were carried out on April 3rd, 2013.
For any technical and dimensional detail, assembling scheme and any other information not included in this document, brochures and technical data sheets are at Applicant's disposal.

Test Result

Specimen	Max Load F_{max} [kN]	Stroke at F_{max} [mm]
1	76.10	1.8
2	75.89	1.9
3	75.72	1.9

Padova, May 2nd, 2013

Laboratory Chief
(Prof. **Claudio Modena**)

Department Chief
(Prof. **Carmelo Majorana**)



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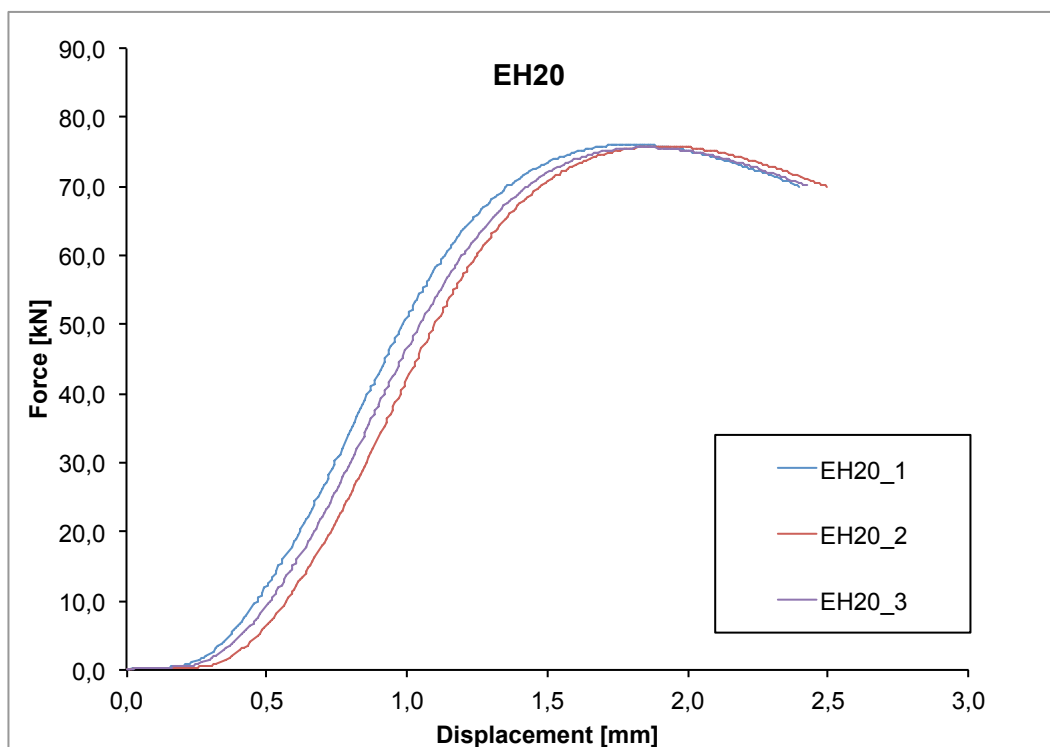
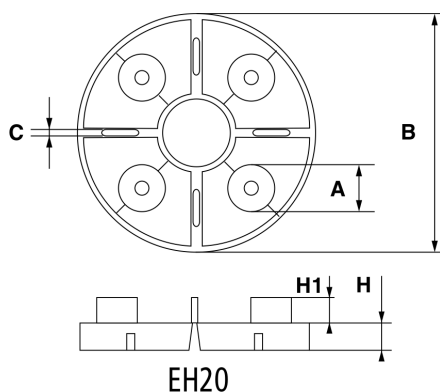


Figure 1 Diagram force versus displacement of testing machine's crossbar for "EH20" support specimen.



Type	A	B	C	H	H1
EH20	30	150	4	20	18

Figure 2 Typical "EH20" support specimen.

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