UNIVERSITEIT GENT

FACULTY OF **ENGINEERING**

Department of **Structural Engineering**
MAGNEL LABORATORY FOR CONCRETE RESEARCH
Director: Prof. dr. ir. L. Taerwe

Mr. Alex Moreels
PolySto B.V.B.A.
Schoenstraat 19
9140 TEMSE
BELGIË

your reference	**our reference**	**date**
	2008/105 – p08-054/RC&SM	2008-04-25
contact person	**e-mail**	**tel. en fax**
Ir. Robby Caspeele	Robby.Caspeele@UGent.be	**T** +32 9 264 55 23 **F** +32 9 264 58 45

Dear Mr. Moreels,

Please find enclosed 3 comparative graphs regarding the tests with no. 2008/105, performed at the Magnel Laboratory for Concrete Research. The average compressive strength, tensile splitting strength and modulus of elasticity found in the performed tests on polyester concrete are compared with the nominal value of the average compressive strength, tensile splitting strength and secansmodulus of elasticity mentioned in Table 3.1 of the European Standard EN1992-1-1:2004 'Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings'.

Ir. R. CASPEELE

Prof. dr. ir. S. MATTHYS

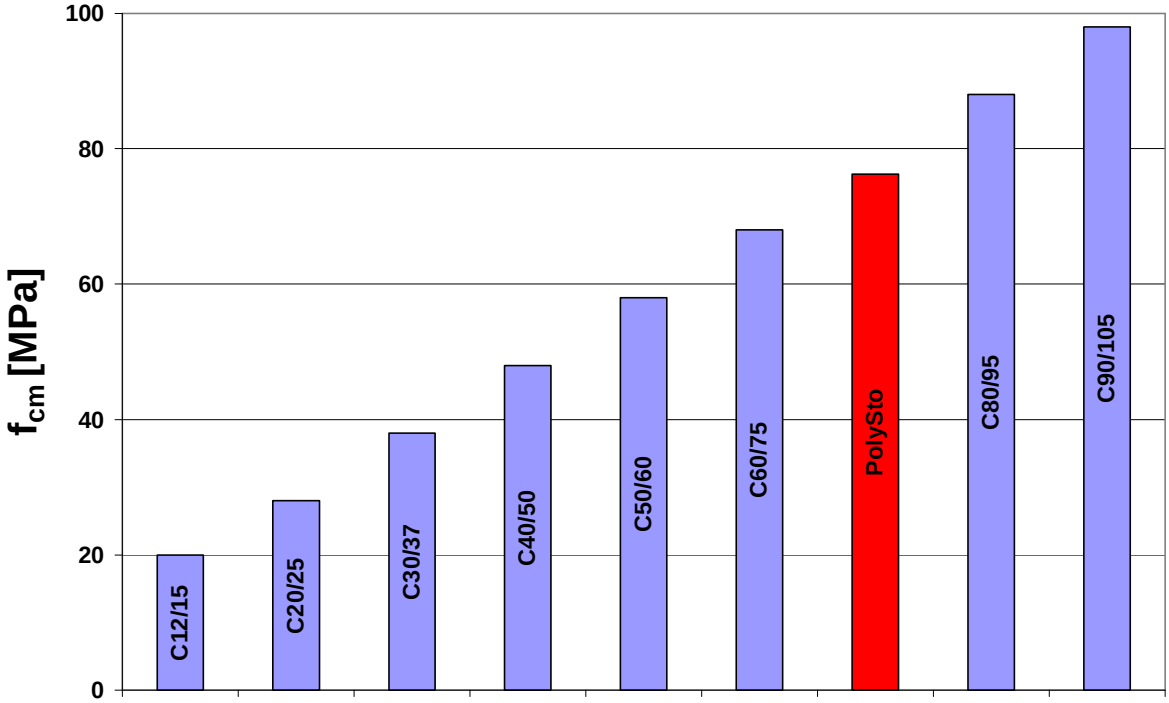

Figure 1: Comparison of the average compressive strength (concrete classes conform EN1992-1-1)

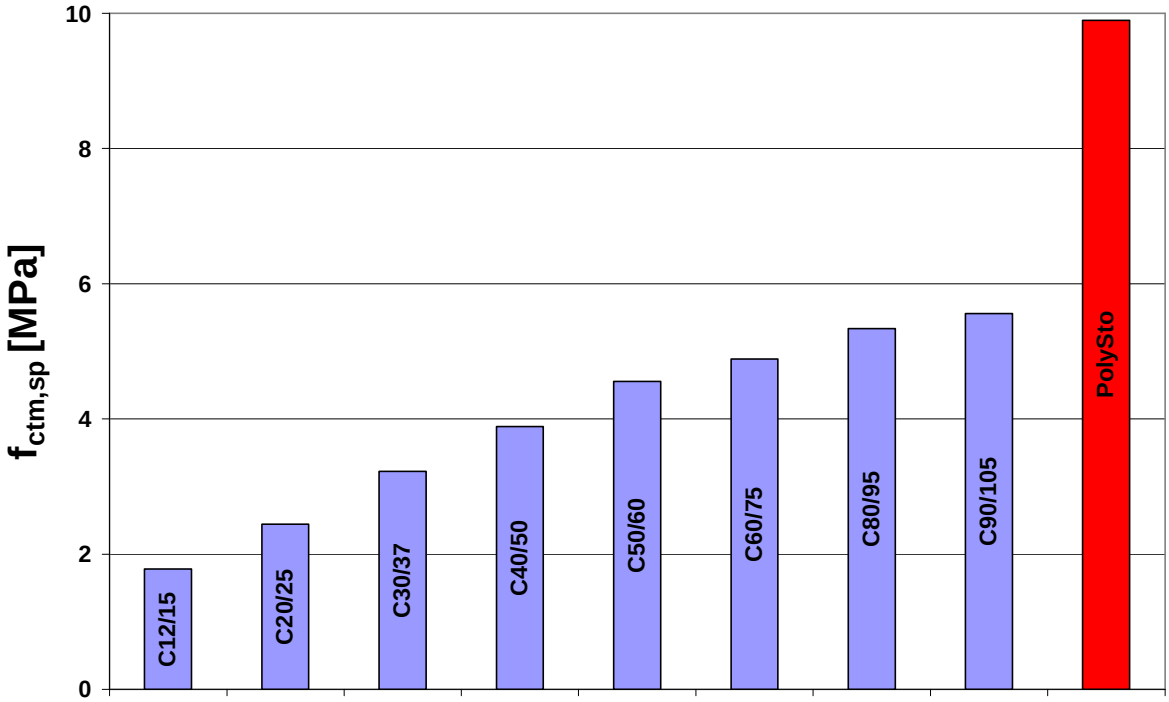

Figure 2: Comparison of the average tensile splitting strength (concrete classes conform EN1992-1-1)

Faculty of Engineering – Department of Structural Engineering
MAGNEL LABORATORY FOR CONCRETE RESEARCH
Technologiepark-Zwijnaarde 904, B-9052 Gent (BELGIUM)
www.LaboMagnel.UGent.be

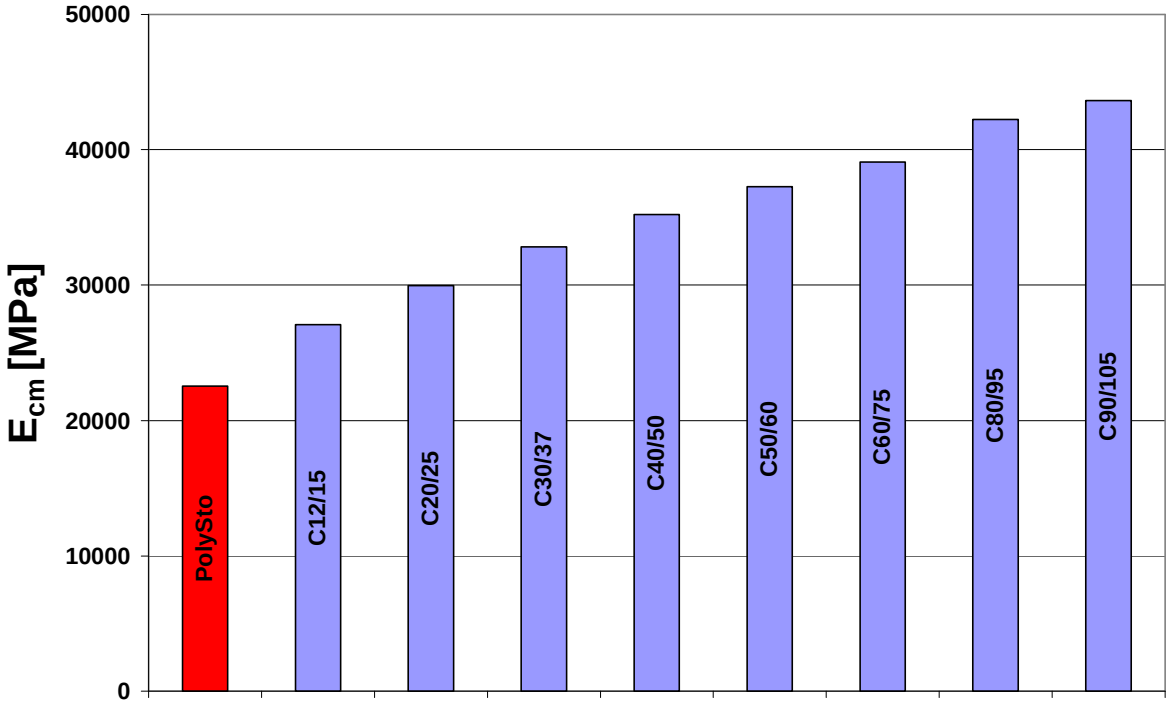

Figure 3: Comparison of the average secansmodulus of elasticity (concrete classes conform EN1992-1-1)

Faculty of Engineering – Department of Structural Engineering
MAGNEL LABORATORY FOR CONCRETE RESEARCH
Technologiepark-Zwijnaarde 904, B-9052 Gent (BELGIUM)
www.LaboMagnel.UGent.be