



® TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague, SOE

Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán • Accredited Testing Laboratory, Authorized Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body • Prosecká 811/76a, 190 00 Praha 9 - Prosek, Czech Republic

ATTESTATION

No. 010-035713

It has been stated that for the construction product:

HS easy chipboard screws

Type / variations: Ø3; 3,5; 4; 4,5; 5; 6

placed on the market by:

Hermann Schwerter Iserlohn, DE.

Langer Brauck 11, Iserlohn DE

Notified Body 1020

Technical and Test Institute for Construction Prague, branch 0100 Prague

has performed

according to Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), Art. 1.4 of the Annex V (system 3)

assessment of performance

for the following characteristics given in Annex ZA of the standard **EN 14592:2008+A1:2012** with obtained following characteristic values:

Characteristic / screw		3x45	3,5x50	4x70	4,5x45	5x70	6x90
Geometry		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
yield moment	[Nm]	1,69	2,70	3,80	3,61	5,60	10,08
withdrawal parameter	[MPa]	27,89	28,21	11,95	17,55	17,6	27,54
head pull through parameter	[MPa]		36	31	9,80	25,0	20,0
tensile capacity	[MPa]		4,43	5,00	5,76	7,88	11,31
torsional resistance	[Nm]	0,47	0,58	1,36	0,95	1,59	2,11
torsion capacity	[Nm]	1,12	1,43	2,34	2,89	4,55	7,40
torsional ration	[-]	2,38	2,47	1,72	3,04	2,86	3,51
Durability corrosion protection		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE

Test results are contained in Report on the assessment of performance No. 1020-CPR-010-035571 from 14. 11. 2015 issued by Technical and Test Institute for Construction Prague.

Stamp of TZÚS Praha, s.p.

Prague November 14th, 2015



Ing. Iveta Jiroutová
Deputy Manager of branch 0100 Praha
of the Technical and Test Institute for Construction Prague