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To:

Hr. Markus Ecker-Endl

voestalpine Krems Finaltechnik GmbH
Schmidhüttenstraße 5, Postfach 42
3500 Krems, Austria

Graz, 2025-07-01

Dear Mr. Ecker-Endl,

The terminal „KREMSBARRIER Terminal“ has been successfully crash tested in accordance with the European Standards EN 1317-1:2010, ENV 1317-4:2002 and CEN-TS 1317-7:2024. We can confirm that the terminal has been successfully tested for use as bi-directional terminal (BDT) and thereby achieved the following performance criteria, as detailed in Table 1.

Table 1: Performance Classification for terminal KREMSBARRIER Terminal T110 BDT (EN 1317-1, ENV 1317-4, CEN-TS 1317-7)

Performance Class	Test-Code	Type Test / Test-Report	Impact Speed	Vehicle Mass	Permanent lateral displacement class		Exit Box Class	Impact Severity Class
					ENV1317-4:2002	CEN-TS 1317-7:2024		
T110 BDT	TT1.3.110	VOE21007	110km/h	1500kg	**x1/y1**(*)	S0.5/T0.5	Z1	B
	TT2.1.100	VOE21008	100km/h	900kg	**x1/y1**(*)	S0.5/T0.5	Z2	B
	TT3.3.110	VOE24014	110km/h	1500kg	x1/y1	**S0.5/T1.0**(*)	Z3	A
	TT4.3.110	VOE21009	110km/h	1500kg	**x1/y1**(*)	S0.5/T0.5	Z1	A
	TT5.1.100	VOE21013	100km/h	900kg	**x1/y1**(*)	S0.5/T0.5	Z1	A
	TT6.3.110	VOE24017	110km/h	1500kg	x1/y1	**S0.5/T0.5**(*)	Z1	B

(*) ... Test was carried out following the respective standard/specification

We hereby confirm the performance against the listed test criteria and that this letter can be issued to a third party for the purpose of demonstrating the compliance with the listed standards.

Yours sincerly,

Dr. Gregor Gstrein
(Testleader of the accredited test laboratory)

SIGNATURINFORMATIONEN	Unterzeichner	Gregor Gstrein
	Datum/Zeit-UTC	2025-07-01T10:56:25+02:00
	Prüfinformation	Informationen zur Prüfung der elektronischen Signatur finden Sie unter: https://www.signaturpruefung.gv.at
Hinweis	Dieses mit einer qualifizierten elektronischen Signatur versehene Dokument hat gemäß Art. 25 Abs. 2 der Verordnung (EU) Nr. 910/2014 vom 23. Juli 2014 ("eIDAS-VO") die gleiche Rechtswirkung wie ein handschriftlich unterschriebenes Dokument.	