



**TRANSPORT SCOTLAND (Agency of the Scottish Executive)
TRUNK ROAD NETWORK MANAGEMENT (Bridges)
TS INTERIM AMENDMENT No 28 Revision 2 – Compliance Requirements for
Combined Kerb and Drainage Products**

SUMMARY

This Interim Amendment provides guidance on the requirements for certification of combined kerb and roadside drainage units that may be used on Transport Scotland roads. The amendment takes effect immediately.

1. INTRODUCTION

This Interim Amendment gives the Transport Scotland specification and product compliance requirements for combined kerb and drainage products. It supersedes the requirements given in TS IA 28 Revision 1 and all previous revisions. With the issue of this document, TS IA 28 Revision 1 is withdrawn. This document also supersedes product compliance requirements for combined kerb and drainage units given in any other Transport Scotland documents.

This document does not cover the choice of grades of combined kerb drainage products. These remain as before.

TS IA 28 included requirements for more complete product conformity requirements to be introduced in the future. These requirements will now not be applied. The revised requirements are given at Section 3 below.

2. IMPLEMENTATION

This Interim Amendment shall be implemented on all Transport Scotland schemes with immediate effect.

3. REQUIREMENTS

3.1 This Interim Amendment must be read in conjunction with Specification for Highways (SHW) Clause 516 Combined Kerb and Drainage Systems, the Notes for Guidance to the Specification for Highway Works (NGSHW) CI NG516 and BS EN 1443: 2002 *Drainage channels for vehicular and pedestrian areas – Classification, design and testing requirements, marking and evaluation of conformity*.

3.2 The following amendments (*shown in italics*) to SHW Clause 516 shall be applied;

Sub Clause 1 – General

Combined drainage and kerb systems listed in Appendix 1/11 shall be treated as other features to be designed by the Contractor. Combined drainage and kerb systems shall conform to BS EN 1433 and to the *site specific* requirements *given* in Appendix 5/5.

Sub Clause 2 – General

Combined drainage and kerb systems shall be suitable for their intended use and place of installation in the Works and as stated in the *site specific requirements in* Appendix 5/1. The Contractor shall provide evidence of *compliance with the specification of units installed in the Works* to the Overseeing Organisation in accordance with *the site specific requirements given in* Appendix 1/5.

SubClause 7 – Watertightness

Joints between units comprising the system, and between the channel and units, shall be *watertight*. Joints between bridge deck waterproofing and component parts passing through the waterproofing shall be watertight. Sealants shall be compatible with the waterproofing system.

3.3 The following addition shall be made to NG Sample Appendix 5/5 given in the NGS HW:

6. Durability class requirements
[Note for compiler: give here the durability classes required for the location of the combined kerb and drainage units for those materials where durability choice options exist in BS EN 1433.]

3.4 Evidence of compliance with the harmonised part of BS EN 1433 with respect to product performance shall be demonstrated by one of the following;

- a. CE marking in accordance with the Construction Products Directive and BS EN 1433
- b. Demonstration through certification to at least the level of Attestation of Conformity given in BS EN 1433 that the product complies with the requirements given in Annex ZA of the standard.

4. CONTACTS

If you have any queries about individual schemes, please contact the relevant please contact Transport Scotland Bridges Section and the relevant Transport Scotland Unit Bridge Manager.

5. REFERENCES

BS EN 1433:2002 Drainage channels for vehicular and pedestrian areas – Classification, design and testing requirements, marking and evaluation of conformity. BSI

Specification for Highway Works Nov 2009: CI 516.

Notes for Guidance to the Specification for Highway Works: CI NG 516, NG Sample Appendix 1/5, NG Sample Appendix 1/11, NG Sample Appendix 5/5

Council Directive 89/106/EEC on construction products

5. NOTIFICATION

This document was notified in draft to the European Commission in accordance with Directive 98/34/EC, as amended by Directive 98/48/EC.