

**PLEKIST JÄIKUSSERVAGA RÄÄSTARENNID JA
PIKILIITEGA VIHMAVEETORUD**

**Eaves gutters with bead stiffened fronts and rainwater
pipes with seamed joints made of metal sheet**

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

See Eesti standard EVS-EN 612:2005 sisaldab Euroopa standardi EN 612:2005 ingliskeelset teksti.	This Estonian standard EVS-EN 612:2005 consists of the English text of the European standard EN 612:2005.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English version

Eaves gutters with bead stiffened fronts and rainwater pipes with seamed joints made of metal sheet

Gouttières pendantes à ourlet et descentes d'eaux pluviales en métal laminé

Hängedachrinnen mit Aussteifung der Rinnenvorderseite und Regenrohre aus Metallblech mit Nahtverbindungen

This European Standard was approved by CEN on 13 January 2005.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 612:2005) has been prepared by Technical Committee CEN/TC 128 "Roof covering products for discontinuous laying and products for wall cladding", the secretariat of which is held by IBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2005, and conflicting national standards shall be withdrawn at the latest by August 2005.

This document supersedes EN 612:1995.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

This document specifies product requirements, derived from performance requirements established for various applications and is supported by separate standards for specific and common test methods in the framework of respective material standards. The performance of a gutter and drainage system made with these products depends not only on the properties of the products as they are defined by this document. The design, construction and behaviour of the relevant parts of the building also have an effect on the performance of the system.

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1 Scope

This document specifies requirements for eaves gutters and rainwater down-pipes made from metal sheet. It establishes the general characteristics, designation system, classification, marking and quality requirements for the products.

The document applies to eaves gutters and external rainwater down-pipes that are supported by metal brackets and used to drain away rainwater. The shape and dimensions of a gutter are defined by the quantity of water to be drained away from the roof to the down-pipes and by architectural design requirements.

The document specifies the requirements for gutters and rainwater down-pipes which enable these products to meet all usual service conditions such as catching and draining away rainwater, melted snow or ice water from a building to a drainage system or a sewer outside the building.

Requirements for fixings, supporting construction, flashings or the method of making joints between the different components are not included in this document.

This document does not specify requirements for eaves gutters handmade on site.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 988, *Zinc and zinc alloys - Specification for rolled flat products for building*

EN 1172, *Copper and copper alloys — Sheet and strip for building purposes*

EN 1396, *Aluminium and aluminium alloys - Coil coated sheet and strip for general applications - Specifications.*

EN 10088-1, *Stainless steels - Part 1: List of stainless steels*

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming - Technical delivery conditions*

ENV 10169-2, *Continuously organic coated (coil coated) steel flat products - Part 2: Products for building exterior applications*

EN 10326, *Continuously hot-dip coated strip and sheet of structural steels - Technical delivery conditions*

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming - Technical delivery conditions*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

eaves gutter

gutter situated outside the building and supported by brackets