

STN P	Návod na navrhovanie pre mechanicky upevnené strešné hydroizolačné systémy	STN P CEN/TS 17659 72 7690
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Design guideline for mechanically fastened roof waterproofing systems

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/22

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English Version

**Design guideline for mechanically fastened roof
waterproofing systems**

Règles de conception des systèmes d'étanchéité de
toiture fixés mécaniquement

Richtlinie für die Konstruktion von mechanisch
befestigten Dachabdichtungssystemen

This Technical Specification (CEN/TS) was approved by CEN on 16 August 2021 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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European foreword

This document (CEN/TS 17659:2021) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

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1 Scope

This document gives guidance for the design of a roof waterproofing system mechanically fastened to the structural deck in relation to wind load resistance.

This document is intended to be used together with EN 16002 and the relevant clauses of EAD-030351-00-0402-2019.

This guideline does not include the separate fastening requirements of the insulation boards, the securement to upstands, perimeter fastening, flashings or other roof details.

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 1990:2002,¹ *Eurocode — Basis of structural design*

EN 1991-1-4, *Eurocode 1: Actions on structures — Part 1-4: General actions — Wind actions*

EN 16002:2018, *Flexible sheets for waterproofing — Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing*

EAD-030351-00-0402-2019, *Systems of mechanically fastened flexible roof waterproofing sheets*

EN 13707, *Flexible sheets for waterproofing — Reinforced bitumen sheets for roof waterproofing — Definitions and characteristics*

EN 13956:2012, *Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ As impacted by EN 1990:2002/A1:2005 and EN 1990:2002/A1:2005/AC:2010.