

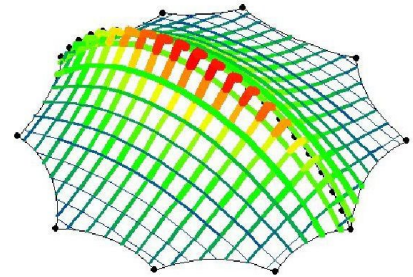
TensiNewsflash

SPRING 2024

Dear TensiNet member,

Please find below the latest TensiNewsflash. Enjoy reading!

Hopefully we will see each other soon for the General Assembly during Textile Roofs 2024, Berlin.

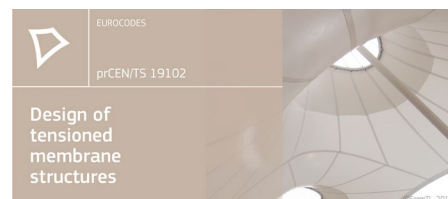


TENSINEWS 46

TensiNews 46 includes a detailed summary of the symposium STRUCTURAL MEMBRANES 2023 prepared by Josep Llorens, interesting projects and research items. We are currently in the final stages of the review process, so you will find the new version soon under "New TensiNews". See [Link](#) (login first)

WORKING GROUP EUROCODE

WG leader: Marijke Mollaert



On 20 March the CEN-TC250 WG5 held an online meeting together with the TensiNet WG Eurocode. A first draft document for the execution rules was prepared by Jörg Uhlemann. It contains the text of FprCEN-TS 19102 from H.9 to H.18, but H.1 to H.8 will also be included. The design rules for steel (EN 1090-2) will be used as a reference for further updates. **A meeting is planned for 8 May to discuss this update.**

Regarding the non-linear visco-elastic modelling for foils and fabrics, this will first be included in an informative annex.

A first draft/framework of a product standard for ETFE films will be discussed with manufacturers.

Please note that the members of WG5 can vote on the draft decision "**Re-appointment of the Convenor of CEN/TC 250/WG 5 Membrane structures**" (before 8 May). Please contact the relevant National Standardisation Body.

WORKING GROUP SUSTAINABILITY & COMFORT



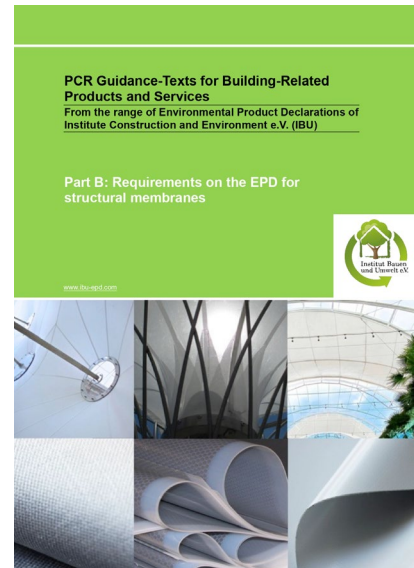
WG leader: Carol Monticelli

The Product Category Rules Part B: Requirements on the EPD for structural membranes (fabrics, coated fabrics and foils) was submitted to IBU (Institut Bauen und Umwelt) for revision on behalf of the TensiNet Association on 15 February 2023 and was published on 5 January 2024! Please find the [link](#).

To drive as many users as possible in the field of membrane structures, the working group is currently involved with the comparison of existing EPDs.

Not yet active in this WG and interested to join?

Send an email to info@tensinet.com



ACTIVITIES AND NETWORKING

GENERAL ASSEMBLY 2024 30.04.2024

The General Assembly will take place on Tuesday 30th April from 08.00 till 09.00. It will be organised at the AMERON Hotel Abion Spreebogen Berlin, located in front of the pier where Textile Roofs 2024 on the Seminarship Berlin boat "ORCA ten BROKE" will be held. **Please confirm your participation by 26th April to info@tensinet.com.**

TENSINET SYMPOSIUM 2026 SHAPING THE PATHWAY TO FUTURE TENSIONED MEMBRANE DESIGN



The 8th TensiNet symposium 2026 will be hosted by the **Institute for Metal and Lightweight Structures, University of Duisburg Essen, campus Essen**. Initiators are Natalie Stränghoner and Jörg Uhlemann, supported by their team and the TensiNet Association. The main topics are 1/ Design, Modelling and simulation of structural membranes; 2/

Materials and executions and 3/ Sustainability and building physics.

Two technical visits are on the agenda: a factory tour at Mehler Technologies and a visit to the Zoom Erlebniswelt.

Finally, to discover the industrial heritage of the Ruhr region, a fascinating visit of the Museum Zeche Zollverein prior to the conference dinner at the Erich-Brost Pavilion is foreseen. The symposium will be organised around mid-September 2026, a fixed date will follow soon.

The next six months promise to be interesting and busy!

Techtextil and Texprocess 2024 – 23-26.04.2024 Frankfurt

The coming trade fair editions will revolve around the theme of sustainability and present future-oriented solutions for the textile industry. [Link](#)

Textile Roofs Workshop 2024 – 28-30.04.2024 Berlin

The main objectives of this workshop are to provide fundamental information, as well as presenting the state-of-the-art in textile roof engineering. Above all, the workshop aims to provide practical answers to real-world questions. [Link](#)

IASS 2024 REDEFINING THE ART OF STRUCTURAL DESIGN – 28-30.08.2024 Zurich

IASS 2024 is hosted by the National Centre of Competence in Research Digital Fabrication at the Institute of Technology in Architecture (ITA) of ETH Zurich. IASS has several Working Groups of which WG6 “**Tension and Membrane Structures**” is chaired by Ken'ichi Kawaguchi and Marijke Mollaert. [Link](#)

Essener Membranbau Symposium 2024 – 20.09.2024 Essen

The 6th Essener Membranbau Symposium is organised by the Institut für Metall- und Leichtbau. A detailed program will follow soon. [Link](#)

IMS BAUHAUS® Symposium 2024 – 27-29.09.2024 Dessau-Rosslau



For the institute's 25th anniversary, a symposium is scheduled from 27th till 29th September 2024. The organisers will be happy to welcome you at their institute where they have trained so many students in membrane construction coming from all over the world. [Link](#)

VIII Latin American Tensile structure Symposium – 14-16.10.2024 Buenos Aires

Topics related to design, project, calculation, engineering, manufacturing and specific assembly of technology will be covered, as well as its relationship with technical and environmental aspects that involve them in the concerns of current architecture. [Link](#)

Kind regards and enjoy the springtime!

Evi Corne & Marijke Mollaert