

Dr.-Ing. Lutz Schöne

To allow ETFE-foils to become a sustainable participant among the other construction materials, as it happened with glass and textile membranes during the past decades, a continuous and critical appraisal is necessary. This article shall support this issue by describing engineering work in the whole field of foil constructions. Starting with the material properties the load bearing features of pneumatic as well as mechanical structures, the design and construction of foil structures are discussed. All topics are regarded with the focus on future developments.

[LINK](#)

LEICHT
Structural engineering and
specialist consulting GmbH
Königstraße 9
83022 Rosenheim, Allemagne
T +49 80 31 35 27 20

LEICHT
Structural engineering and
specialist consulting GmbH
Landwehrstraße 60/62
80336 Munich, Allemagne
T +49 89 54 54 29 80
office@LEICHTonline.com
www.LEICHTonline.com

LEICHT FRANCE SAS
Ingénierie structures |
Expertises spécialisées
1 allée Cassard
44000 Nantes, France
T +33 2 53 55 75 18
contact@LEICHTfrance.com
www.LEICHTfrance.com