How can carbon fiber be developed for the production of structural skins? This development for LV’s Selfridges store demonstrates the design and production of the first all carbon-fiber structural skins applied to architecture. The project integrates issues of form and materiality to generate an ultra-thin/ lightweight structure.

The project follows an ongoing research method investigating the control and definition of compound curvature to generate structural forms. Furthermore, the forms are generated through conventional manufacturing processes, and thus, must be defined in the logic of industrial production. The form strives to simultaneously resolve issues of rigidity and performance within the limitations of industry.
MARC FORNES is a registered Architect DPLG and founder of THEVERYMANY™, a New York based studio engaging art and architecture through the filter of systematic research and development into applied computer science and digital fabrication.

His prototypical structures and unique organic environments are included within the permanent collections of the Centre Pompidou, the FRAC Centre and the CNAP. He has been exhibited at institutions worldwide including the Guggenheim (“into the void”) and sold work at Art Basel Miami/GGG, Art Paris, Phillips de Pury and Sotheby’s.

Marc is a TED Fellow. He was artist in residence at the Atelier Alexander Calder (2012). His pop-up store for Louis Vuitton & Yayoi Kusama is the very first carbon fiber self-supported shell structure applied to architecture and was awarded an A+ Jury Award as well as the 40th Annual Interior Design Award by the IIDA. His practice was also awarded New Practices New York by the AIA (2012), the Architectural League Prize (2013), Design Vanguard by Architectural Record (2013) and the WAN 21 for 21 Award.

Marc’s ongoing involvement with academia includes co-starting with Francois Roche (n)Certainties, a graduate studio mixing custom computational protocols with open ended narratives, at Columbia University, the University of Southern California and Die Angewandte in Vienna. He is currently teaching at Princeton University and with Patrik Schumacher at Harvard GSD.