Breakthroughs in Design
cover interview
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QuaDror by Studio Dror — A structural element that can be used to construct bridges or buildings. Developed by Studio Dror based on new design principles, QuaDror's unique shape and properties allow it to be used for a wide range of applications. Its simplicity and versatility make it an ideal component for building structures in both urban and rural areas.

Emergency housing in disaster areas

Benshel is most excited about the use of QuaDror in emergency housing in disaster areas. A simple house can be built quickly by setting up two QuaDror elements, placing wall material on the inside and covering the top with roofing material.

Although Studio Dror has emergency housing projects underway in earthquake-devastated areas, as of late March at the time of the reporting, Benshel said he was also searching for a way to help victims of the Sendai Earthquake. Interestingly, Benshel's QuaDror Home kit is compact enough that 1,750 of them can be transported in a single forty-foot container.

QuaDror's expandability, both in terms of scale and functionality to society, is a major leap for Studio Dror. QuaDror can be a considerable plus for society by serving as infrastructure at larger scales and by fulfilling its purpose conveniently and with a minimum use of materials. According to Benshel, it is for that very reason he wants to enter into unprecedented partnerships and explore the possibilities of QuaDror.