



A composite is a material that consists of different components. For building materials they often refer to fiber-reinforced plastics like glassfiber reinforced polyester (GRP). But it could also refer to for instance bullet proof glass that consists of polycarbonate interlayers, or cables made of aramide.

GRP is an ideal material for realizing light-weight, insulated and free form roofs and facades. In 2005 Octatube has realized the Yitzhak Rabin Center, with two double curved GRP shells cantilevering 12 meters. In 2013 the Fletcher Hotel in Amsterdam has been completed, where a cylindrically curved façade of 2850 m<sup>2</sup> bent GRP panels has been developed and realized.