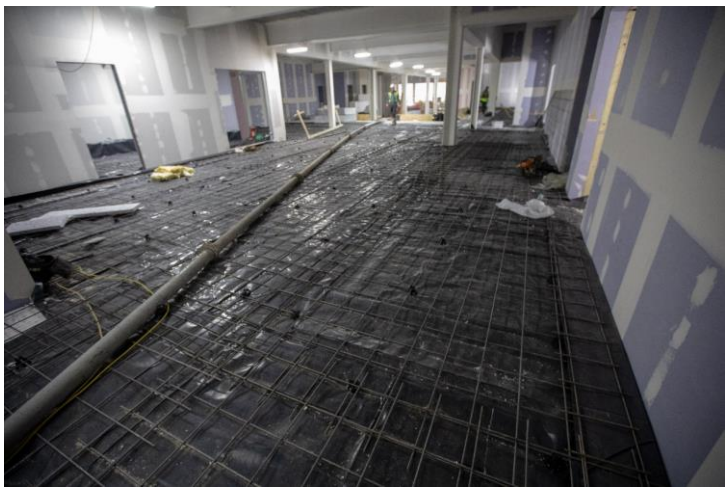
Voidformer (VF)



Jablite Voidformer (VF) is used as a lightweight material to replace some of the volume of concrete in applications such as floors and ramps.

Voidformer is supplied as a block, cut sheet or bespoke shaped pieces to suit the application or project. Standard block sizes are 2400mm x 1200mm up to a depth of 1200mm. If required depth is greater than 1200mm additional sheets or blocks can be added.

VOIDFORMER (VF)	20	45	70
Nominal Density (kg/m^3)	15	20	25
Compressive strength @ 1% compression (kN/m^2) EN 826	20	45	70
Thermal Conductivity +W/mK	0.038	0.036	0.035
Maximum depth of concrete mm (assumed 25kN/m^2)	800	1800	2800

Storage and Handling

Products are labelled with the density prior to delivery and can be manually offloaded or moved around site.

Due to the lightweight nature of the product if the material is stored outside it should be secured or weighted down.

Installation

The procedure for installing Jablite Voidformer (VF) should include the following points:

- The material should be laid on a firm level surface, a layer of blinding sand may be used, with staggered joints between blocks or sheets.
- If more than layer of blocks or sheets is required each layer should be laid perpendicular to the layer beneath it.
- Where there is a need to cut the EPS blocks on site this can be carried out with a fine toothed saw or hot wire cutter.

Environment and Sustainability :

Environmental Product Declaration	Jablite VoidFormer is produced in a low energy manufacturing process. EPDs produced by EUMEPS on behalf of a group of European EPS Manufacturers including Jablite are available on the website below within the Construction section under Documents http://www.eumeps.org/
Environmental Impact	Compared with traditional fill materials, fewer trucks with lighter loads are required to deliver the same volume of Jablite VoidFormer. This results in significant reductions in emissions from transportation. Ozone Depletion Potential (ODP) = **zero** Global Warming Potential (GWP) **< 5** Jablite VoidFormer is inert, non-toxic and non-biodegradable. There is no leachate generated in use.
Responsible Sourcing	Environmental Management System Certified (ISO 14401) for Key Process and Supply Chain The ISO certificates are in the Technical Resource Centre on the Jablite website www.Jablite.co.uk **Key Process (Manufacture)** ISO 14001: Certificate Number EMS 559414 **Key Supply Chain Process (Main Polymer Production)** ISO 14001: Certificate Number 80130-2010-AE-FRA-COFRAC Rev. 4
100%	Jablite VoidFormer is 100% recyclable, even after use.

Accreditation :

CE marking	Jablite have taken the responsibility of CE marking Jablite VoidFormer in accordance with harmonised European Standard BS EN 14933 : 2007 Declaration of Performance is available on Request.
Quality	All Jablite VoidFormer products are manufactured in production facilities which are certified to ISO 9001 Quality Management. Certificate of Conformity is available on request.
Compliance	Jablite VoidFormer conforms to the required properties as defined in BS EN 14933 : 2007 – Thermal insulation and light weight fill products for civil engineering applications – Factory made products of expanded polystyrene (EPS) – Specification.
FIRE	All Jablite VoiFormer is supplied with a flame retardant additive unless specifically requested otherwise. This inhibits the early stages of fire development. In construction applications Jablite VoidFormer is protected from exposure by soil, concrete or other building materials. Appropriate precautions should be provided on site where open flame procedures such as welding will take place in close proximity to the Jablite VoidFormer installation. The product achieves Euroclass E when tested to BS EN 13501-1.