



WE ARE THE EXPERTS...

HEVAC DELIVERS FOR THE NATIONAL GALLERY

PROJECT : FLUE INSTALLATION

FLUE INSTALLATION

On May 27th 2014 Hevac Limited completed installation works for a flue system in the temporary boiler-house at the National Gallery of Ireland as part of a major re-vamp at the site.

The brief was to supply and install a combined header and vertical riser to match the Hevac supplied Hamworthy Wessex Modumax 110/220 HE boilers, rated at 660 kW. The Jeremias DWECO 316 twin-wall flue supplied:

Boiler connections: 250mm
Header & riser: 300mm
Horizontal Riser: 10 Meters
Total Flue: 18.5 Meters

Certificate:

All flue systems offered by Hevac and Jeremias comply with the now compulsory CE marked certified by the notified body TUV-SUD in accordance to the IS EN 1856:1.

Hovac have the ability to offer a complete survey, design, fabrication and installation service for all commercial and industrial flue and chimney systems nationwide: Condensing, Oil, Gas or Biomass Boilers, CHP's, Generator's, Industrial Exhaust, Fire rated Ventilation Systems and Free Standing Industrial Chimneys.

With our partners, Jeremias, we have qualified, experienced engineers and technicians who can generate bespoke construction drawings and schematics for the approval by the client prior to construction.

Should this type of application match your site demands, build requirements and appeal to you, the Hevac design team would be delighted to assist and handle your query. Please do not hesitate to contact us on 01-4191919 for your next project.



Jeremias DW Twin Wall SS Flue

- * DW Twin Walled Flue 316 SS.
- * CE marked certified by body TUV-SUD in accordance to the IS EN 1856:1
- * 4 Hour fire Rated to BS476 Part 20.
- * Suitable for operating temperature of 600 deg C.



Hamworthy Wessex

- * 3 x Modumax 110/220 HE
- * Total Load 660 kW
- * Fully Modulating
- * Maximum 10 bar working pressure

PROJECT PARTNERS

Client:



The National Gallery of Ireland (*Gailearaí Náisiúnta na hÉireann*) houses the Irish national collection of Irish and European art. It is located in the centre of Dublin with one entrance on Merrion Square, beside Leinster House, and another on Clare Street. It was founded in 1854 and opened its doors ten years later. The Gallery has an extensive, representative collection of Irish painting and is also notable for its Italian Baroque and Dutch Masters painting.

CONSULTANT;

BDP

BDP is a major international, interdisciplinary practice of architects, designers, engineers and urbanists. BDP work closely with users, clients and the community to create special places for living, working, shopping, culture and learning across the world.

Founded in 1961, they now have studios across the UK, Ireland, Netherlands, the MENA region, India, and China. BDP has a leading track record in all major sectors including health, education, workplace, retail, urbanism, heritage, housing, transport, leisure, public safety and energy utilities.

BDP combine expertise across disciplines, locations, sectors and all major building types to deliver a truly integrated way of working — resulting in high quality, effective and inspiring built spaces.

Supplier;



Hevac Limited is one of Ireland's leading domestic, commercial & industrial plumbing & heating specialists. Hevac operate in Dublin and Cork comprising over 10,000 square meters of space.

Hevac supply every plumbing & heating component imaginable to the residential, commercial and industrial sectors and can offer in house specialists including design engineers, CAD technicians and system specialists. The focus of Hevac Limited is to provide quality systems that offer maximum efficiency and comfort.

Product Specification:

- DW Twin wall insulated flue system manufactured in stainless steel AISI 316L (1.4404) internal and AISI 304 (1.4301) external wall for exhausting gases and smokes of the combustion products.
- Suitable for wet working conditions (condensing) and all kind of combustibles.
- Mineral rigid insulation with 25mm thickness and 120 kg/m3 density.
- TIG Continuous welding system.
- Homogenous 25 mm high quality rigid rock wool insulation
- Positive pressure till 200 pa with the use of joint seals
- 3 meters freestanding above last support
- Load bearing support every 16 meters



FOR MORE INFORMATION;

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