

ROCKWOOL

BUILDING A SUSTAINABLE FUTURE

National Gallery Regeneration Fire Protection for Smoke Extraction System



Project Description:

The ongoing programme of development in the National Gallery's East Wing forms part of a wider regenerative 'Masterplan' designed to enhance the facilities available to the gallery's five million annual visitors.

For such a civic building, fire containment is a critical issue. Few natural openings exist, smoke clearance via natural ventilation was virtually impossible and extensive ductwork was essential in order to remove smoke in the event of a fire. Crucially, the ductwork had to be capable of resisting the anticipated temperatures generated during the development of fire.

Key Solutions:

- Rockwool FirePro Duct Slab

Why Rockwool?

- Rockwool FirePro Duct slab provides an extremely high level of fire protection, so was a natural choice to use throughout the building. Its extensive use on the ductwork system significantly reduces the need for fire dampers.
- Little maintenance required.
- The combination of superior environmental performance and fire protection means in most cases just one application of FirePro Duct slab is required.