

# Case Study

The Hepworth Gallery,  
Wakefield



*Client* **The Hepworth Gallery, Wakefield, UK**

*Requirement* **Fall Protection system required for rooftop to facilitate safe working at height**

*Solution* **Latchways Fall Arrest Posts**

*Product Details* **30 Traditional ManSafe® Fall Arrest posts.**



*The Safety Company*

**WE KNOW WHAT'S AT STAKE.**



### Background

The Hepworth Gallery in Wakefield was opened in 2011 and designed by architect David Chipperfield. The structure is composed of ten blocks, each with a pitched roof, and clad with self-compacting pigmented concrete over insulation – a very unusual construction technique and the first of its kind in the United Kingdom. In 2012, The Hepworth was named 'Regional Building of the Year' by RIBA (Royal Institute of British Architects) and was shortlisted for the 'Art Fund Prize'.

### The Requirement

The Hepworth Gallery required access to their low pitched roofs to facilitate safe working at height when carrying out external glazing cleaning and general maintenance. The concrete design of the building resulted in a thin roof construction, so The Gallery needed to ensure that any systems installed were fit-for-purpose, fully tested and compatible. With such a prestigious and architecturally prominent building, it was imperative that the chosen system also suited the design of the building.

### Solution

A full site survey was undertaken by Latchways' registered installers, EuroSafe Solutions Ltd, and a bespoke system of 30 ManSafe® posts (approximately 240 m in length)—finished with traditional ManSafe components—was specified and installed. Due to the revolutionary thin roof construction, the end loads for the system needed to be severely restricted. In order to increase the amount of energy absorbed within the system, and therefore reduce the load back to the roof (should a fall occur), EuroSafe specified the use of a Latchways Super12 Shock Absorber per system—reducing any load down to a maximum 15 kN.

The end result was an aesthetically pleasing fall protection system that could be used by 2 individuals at a time to provide a complete fall protection solution—minimising the Work at Height risk and enabling a controlled means of access to the roof.

## About MSA Latchways

Established in 1974, Latchways has become a worldwide leading brand synonymous with engineering strength in fall protection. Maybe it's because we were the very first company to successfully develop and market engineered cable-based fall arrest systems. Or maybe it's because our constant innovations in worker safety at height have improved so many workplaces and lives. One thing is certain: In a global industry with ever evolving demands and ever-changing regulations, the call for fall protection that works with you and your specific needs has never been stronger. That's why, in October 2015, Latchways joined forces with MSA Safety, Inc., a Pennsylvania-based Fortune 500 company with sales and manufacturing operations in more than 140 countries. Together, we bring unprecedented global leadership to protecting workers and satisfying customers around the world.

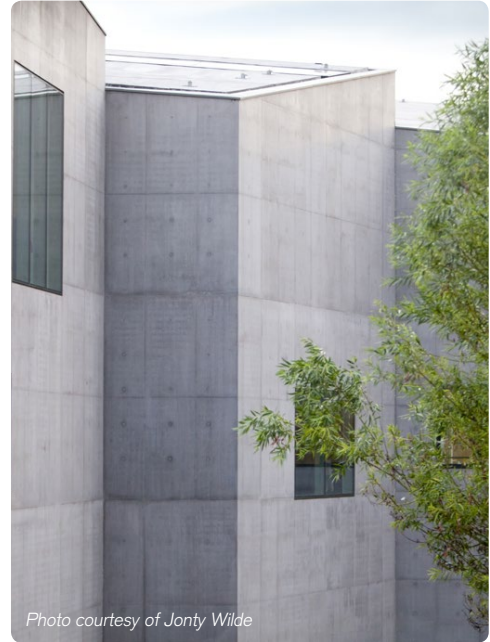
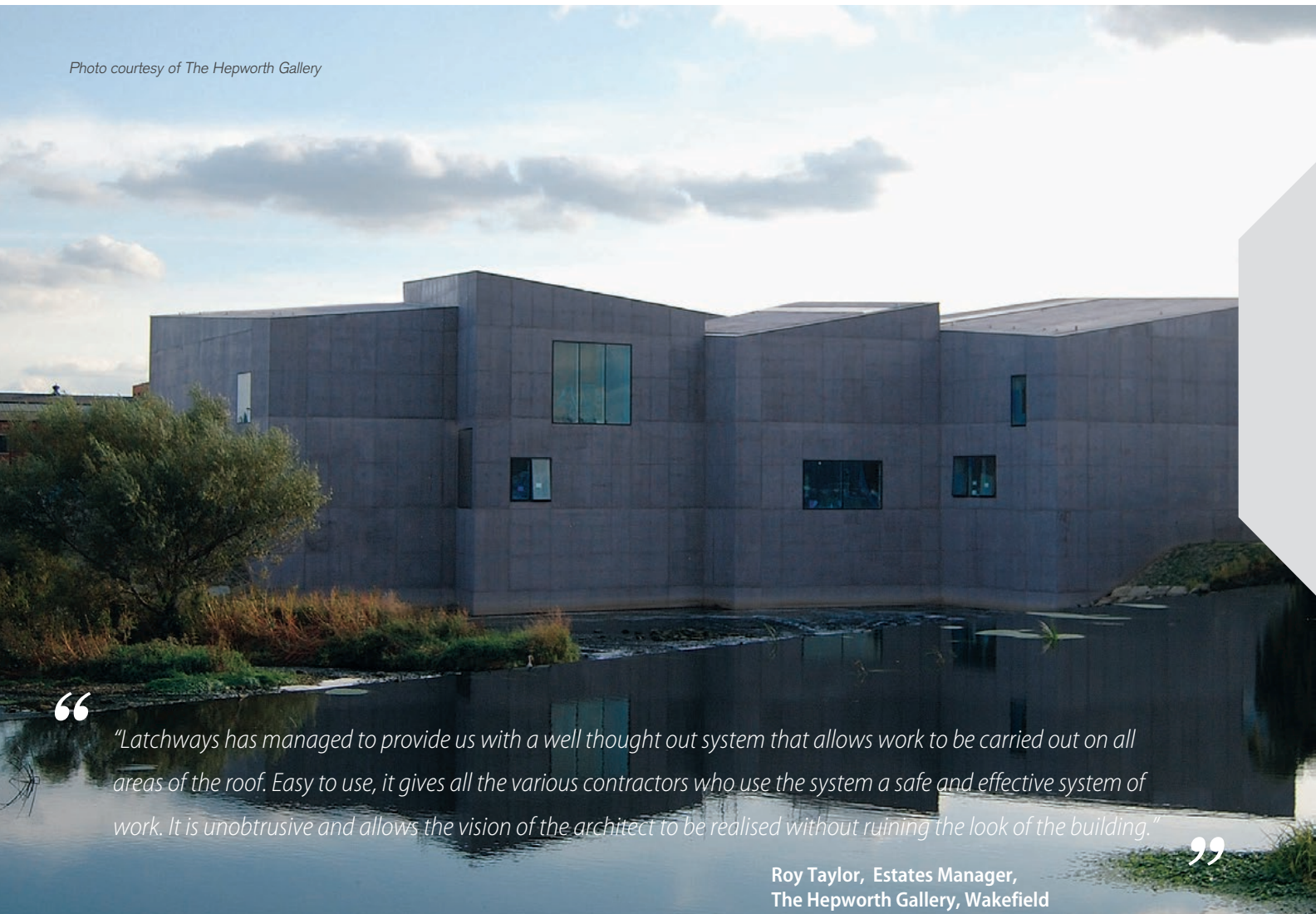


Photo courtesy of Jonty Wilde

Photo courtesy of The Hepworth Gallery



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*“Latchways has managed to provide us with a well thought out system that allows work to be carried out on all areas of the roof. Easy to use, it gives all the various contractors who use the system a safe and effective system of work. It is unobtrusive and allows the vision of the architect to be realised without ruining the look of the building.”*

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Roy Taylor, Estates Manager,  
The Hepworth Gallery, Wakefield



## Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families and their communities may live in health throughout the world.

**MSA: Because every life has a purpose.**

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This is intended for general information and guideline uses only. It should be understood that legislation is changed and amended. Manufacturer instructions must be followed at all times and MSA Latchways® systems must be installed by a Latchways Registered Installer.