



# Wall & structural reinforcement

When safety matters



### Structural and seismic strengthening

The product range all consists of strengthening materials which can reinforce any structure. It can be attached with glue to walls, columns, or crossbeams, minimising the damage to people and equipment caused by blasts or seismic disturbances. The product can absorb the high-energy rates caused by an impact from a car to protect a column from collapsing.



### Flexible fabric

The flexibility of the fabrics makes it possible to custom-design in order to fit irregular shapes and cross sections, and it can be applied readily to the interior or exterior parts of a building, to concrete, masonry, steel, and wood. It comes as carbon strips or soft carbon wrap.



### Easy Installation

The product can be installed with minimal interruptions to the daily routines of an organisation. The epoxy resin used during the process is virtually nontoxic when applied, and completely nontoxic once fully cured. The carbon strips can be installed under a concrete slab or beam. The wrap can be installed around a column.

### Features & benefits

- Prevents defects caused by seismic action.
- Blast mitigation.
- Substitute for missing rebars.
- Increases load capacity of structural elements.
- Structural upgrading to comply with current standards.

### Evidence-based technology

Numerous structural tests have been conducted, providing robust evidence of the benefits of the fabrics system exceeding that of conventional strengthening methods.

## Why call anyone else?

Bringing in many different contractors to supply and fit a physical protection system is complicated and often does not give the best result. With Damasec, you don't have to. We find the best total solution and install it on your premises.

Ethical. Proactive. Confidential. Our values guide everything we do.

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