



DUAL SHOWER

Rada has added to its Sense range of digital water control systems with the introduction of the Sense Dual Shower T3. Designed specifically with children or the less able in mind, the T3 control and valve is suitable for all commercial and public sector showering facilities which need to meet Part M of the Building Regulations, while addressing the needs of the young and other potential users.

The Sense Dual Shower T3 combines a diverter shower – one with both a fixed and variable showerhead – with the company's intelligent digital thermostatic mixing valve technology.

[Rada](#)

www.radacontrols.com

baffles, Rockfon Eclipse ceiling islands and the impact-resistant Rockfon Boxer ceiling system. Rockfon Contour is a baffle system that offers opportunities for correcting acoustics in areas where frequent and unhindered access to service installations is required. Rockfon Eclipse is a ceiling "island" offering acoustic solutions where traditional suspended ceilings are unsuitable. Eclipse absorbs sound on both sides and is made from a 40mm stone wool panel, the visible side is covered with a painted glass fleece to give a smooth white surface. For sports halls where heavy impact ball sports are played, Rockfon has developed the Boxer ceiling system. Tested in accordance with EN 13964 Annex D, which defines three impact resistance classes, the system meets classification 1A.

[Rockfon](#)

www.rockfon.co.uk

Sound-absorbing carpets

Carpet maker Desso has introduced SoundMaster, a high performance carpet backing that is claimed to improve acoustic performance by 60% when tested to ISO 354 – measurement of sound absorption in a reverberation room.

The backing is made from 100% recycled polyester and has a layer construction designed to offer optimal sound absorption and insulation.

Carpet in general gives an impact sound reduction between 20dB and 30dB. With SoundMaster, an extra 10dB or more is achieved. It is available as alternative backing with the company's range of carpet tiles.

It can offer a significant acoustic improvement in offices, hospitals and schools where acoustic solutions are increasingly sought to help create a more productive learning environment.

[Desso](#)

www.desso.com

Bespoke mortar colours

Five new Sports England colours have been developed by Cemex Mortars for the sports complex at the £35m Warwickshire College. They are Sports England red, green, yellow, white and natural, and have been created to match the colours of the blocks used in different areas of the building.

The Sports England colours were developed by Cemex technologists as part of its bespoke service. Customers can match the blocks exactly or complement the colour to give buildings a unique design feature. The college is part of a new "urban community" and is sited on 82 acre. The sports hall will consist of a games area and multi-gym that will also be available to the community.

[Cemex Mortars](#)

www.cemex.co.uk

Safety flooring

More than 1,000m² of Altro Mirica and Suprema flooring have been installed at Lutterworth High School in Leicestershire.

The design matches light green Mirica Griffin with darker Suprema Poseidon tiles have been used to create a wavy design. Altro Mirica, with integrated Easyclean Maxis technology, makes the flooring simple to maintain, and its pattern helps to hide scuff marks and soiling.

Altro Walkway was also used to create a version of the school's logo – in maize and black – in the floor. The flexible nature of Walkway makes it suitable for bespoke designs and is available in 18 different colours.

Both products are A-rated under the BRE's BREEAM Environmental profiles.

[Altro](#)

www.altro.com

Composite windows

The Parkside Group has launched Alu-Timber, a range of aluminium and timber composite windows, doors and framing systems. The range, which uses ash, redwood, larch, eucalyptus and oak engineered timber, includes casement, tilt-and-turn windows and an open-in and open-out door. The timber helps minimise heat loss and, by using high performing glass, low U-values are achievable. The aluminium gives the timber a standard 25-year performance guarantee. The aluminium is also 100% recyclable, says the company.

[The Parkside Group](#)

www.parksidegrp.co.uk

Acoustic ceilings

Rockfon has launched three acoustic solutions for the education sector – Rockfon Contour



ACOUSTIC LIGHTING RAFTS

More than 1,700m of SAS International System 600 acoustic lighting rafts, incorporating HCP radiant heating panels, have been installed at the Trent Valley Academy in Lincolnshire.

SAS International, and specialist heating division HCP, worked with multidisciplinary practice Mouchel to design a tile that addressed heating, acoustic and lighting requirements. The rafts allow free air movement to the exposed concrete soffit for thermal mass heating and cooling, and have sound-absorbing perforated panels to improve the school's acoustic performance. They also provide a route for services to run across the classrooms, including wiring for window openers. Each room has an air sensor and carbon dioxide monitors to open windows automatically when it gets too hot or stuffy.

[SAS International](#)

www.sasint.co.uk