

## CASE STUDY

### LEEDS TRAIN STATION, YORKSHIRE

**DURAL**



#### PROJECT DETAILS

LOCATION	Leeds, Yorkshire
SECTOR	Public Sector
CONTRACTOR	Northern Star Flooring
PRODUCTS	22mm Stainless Steel Coloured Movement Joints to match the floor colour
OBJECTIVES	Prevent hard flooring from cracking under huge foot fall

Leeds Railway station is the mainline railway station serving the city centre of Leeds, in fact it is the fourth busiest railway station in the UK outside London.

#### THE CHALLENGE

Dural worked in conjunction with Northern Star flooring to renovate a section of floor within the new south entrance concourse.

The first phase began in 2018 and the project involved the redevelopment and modernisation of the main southern concourse. The plans also included a new roof and stunning glazed facade in addition to more floor space. The flooring specified will be used by the station's 100,000 daily users. Dural has been integral in offering technical advice on how to install their coloured movement joints for this huge expanse of floor.

#### THE SOLUTION

For an impressive finish, coloured movement joints were specified. The floor needed to blend seamlessly in order to give the project a high end finish necessary for such an impressive project. When considering such a large expanse of tile it is important to use both Movement Joints and Perimeter Joints. Hard flooring expands and contracts, a Movement Joint prevents the floor from cracking. This product is a 22mm stainless steel coloured movement joint. Epoxy resin flooring does have some tolerance for movement, however to avoid cracking and delamination of an epoxy resin screed floor, Movement Joints need to be included. Movement Joint profiles can cope with heavy stresses and distribute them evenly between the foundation and floor covering. Dural stainless steel Movement Joints are made from a combination of highly durable stainless steel expansion carrier profile and full compressive EPDM inlay which are perfect for surfaces which are subject to this immense and constant footfall.

Coloured Movement Joints are available in any RAL colour and for this project Dural matched them to the resin floor colour

#### OUR SERVICES

Dural also provides highly competent advice and support for any resin or tiling project. No matter how complex the application they can provide the perfect solution, including both products and service. All CMJ - Coloured Movement Joints are designed and manufactured to exceed the requirements of BS 5385 and can also be used with other hard flooring such as Slate, Natural Stone and Ceramic tiled floors.

If you would like further information regarding our Movement Joints, please contact our head office. .



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