

Case Study - Regupol RAV300 Structural Isolation



News International Printing Presses

Client News International
Contractor Carillion
Area 700 Linear metres

In brief

CMS Vibration Solutions recommended Regupol RAV300 to isolate newspaper printing press foundations at News International's new printing facility in Broxbourne.

Project scope

As one of the world's largest and newest printworks, anti vibration treatment to the foundations was required to prevent structural vibration and to prolong the life of the printing presses.

To achieve this, 700 linear metres of Regupol RAV300 was installed around the foundation's perimeter. This directly isolated five foundation blocks from the surrounding floor slab and supported a total of ten newspaper printing presses.

By reducing the passage of vibration into and out of the press foundations, Regupol RAV300 helped to protect the offices and building structure from excessive structural noise along with isolating the press machinery from ground borne sources of vibration and shock.

Benefits

- High performing product with long maintenance free lifespan
- Cost effective
- Low natural frequency in the range of 8-12Hz
- Suitable for horizontal and vertical plains
- Standard material thickness of 50mm
- Environmentally friendly and fully recyclable
- Supplied in pads or strips to suit exact installation requirements



Regupol RAV300 was used to isolate the printing press foundations



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