

Case Study - Regupol RAV200 Road Isolation



Potsdamer Place

Client Potsdamer Place, Berlin
Area 15,000 square metres

In brief

Regupol RAV200 was laid beneath the surface roads and pavements of Potsdamer Place, to prevent the transfer of ground borne noise and vibration into a surrounding commercial development.

Project scope

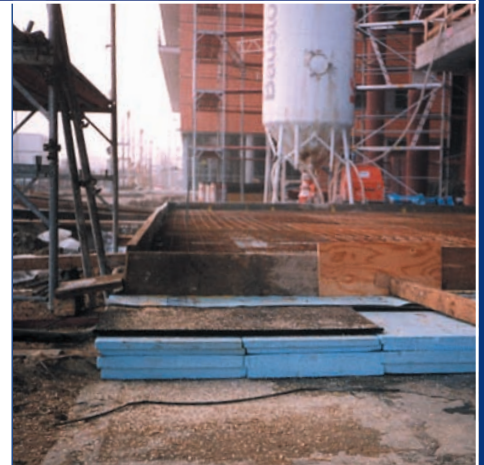
Potsdamer Place is a large commercial development situated both above and below ground. Office buildings and a casino are at ground level while a retail complex is located underneath the entire area.

To prevent noise and vibration generated on the roads and pavements from transferring into the adjacent buildings, or down into the development below, it was necessary to implement appropriate anti vibration measures.

To isolate the roads and pavements, 15,000m² of Regupol RAV200 was installed directly under the surfaces. Designed with high load bearing characteristics, the isolation material was able to withstand the pressure of ongoing traffic and reduce the impact of noise generated.

Benefits

- Excellent dampening and isolation characteristics
- High load bearing capabilities, up to 10,000kg/m²
- Low natural frequency in the range of 10-12Hz
- Environmentally friendly and sustainable
- Quick and easy to install
- Cost effective



Regupol RAV200 prevented the transfer of road generated noise and vibration into a surrounding commercial development



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