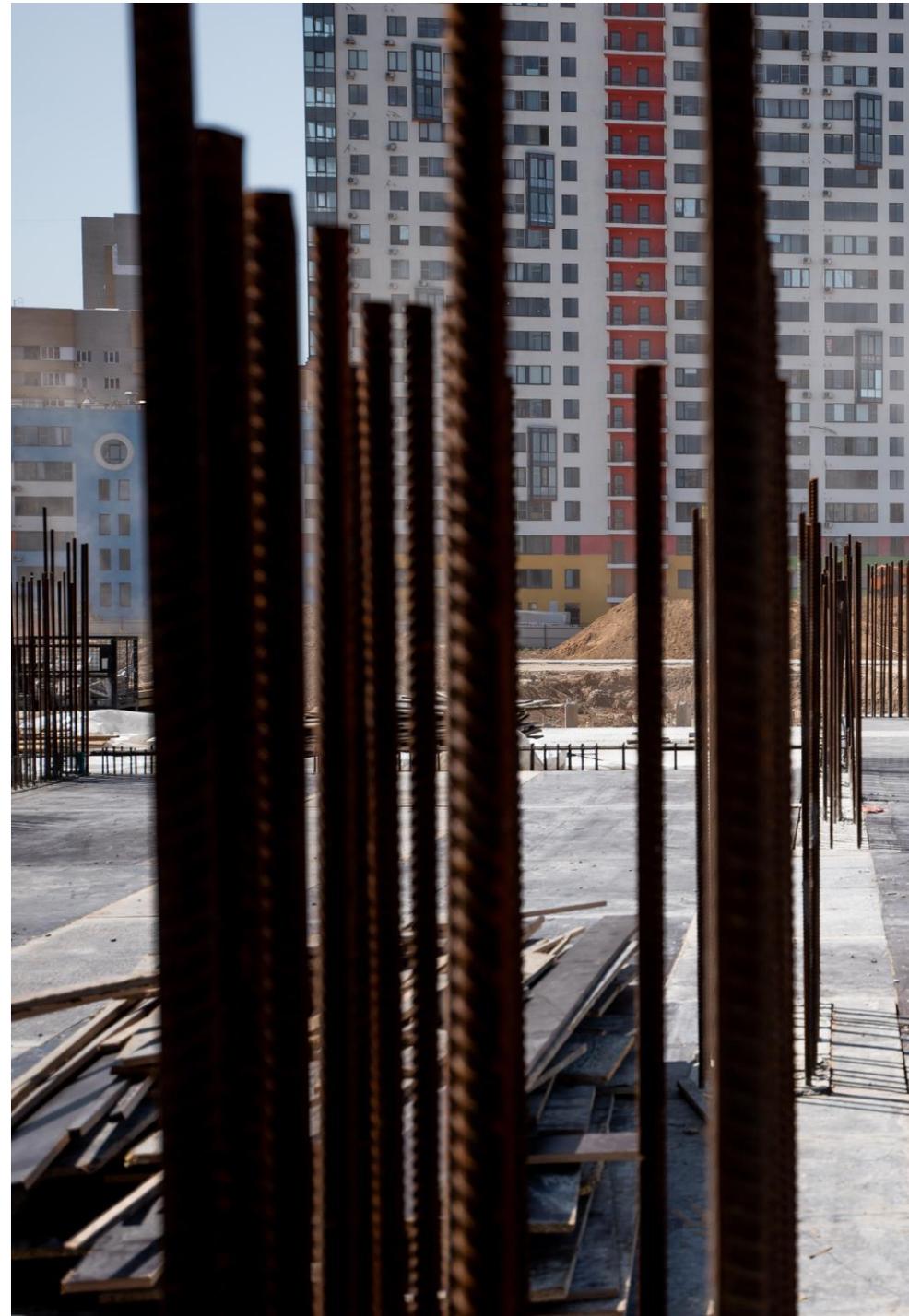
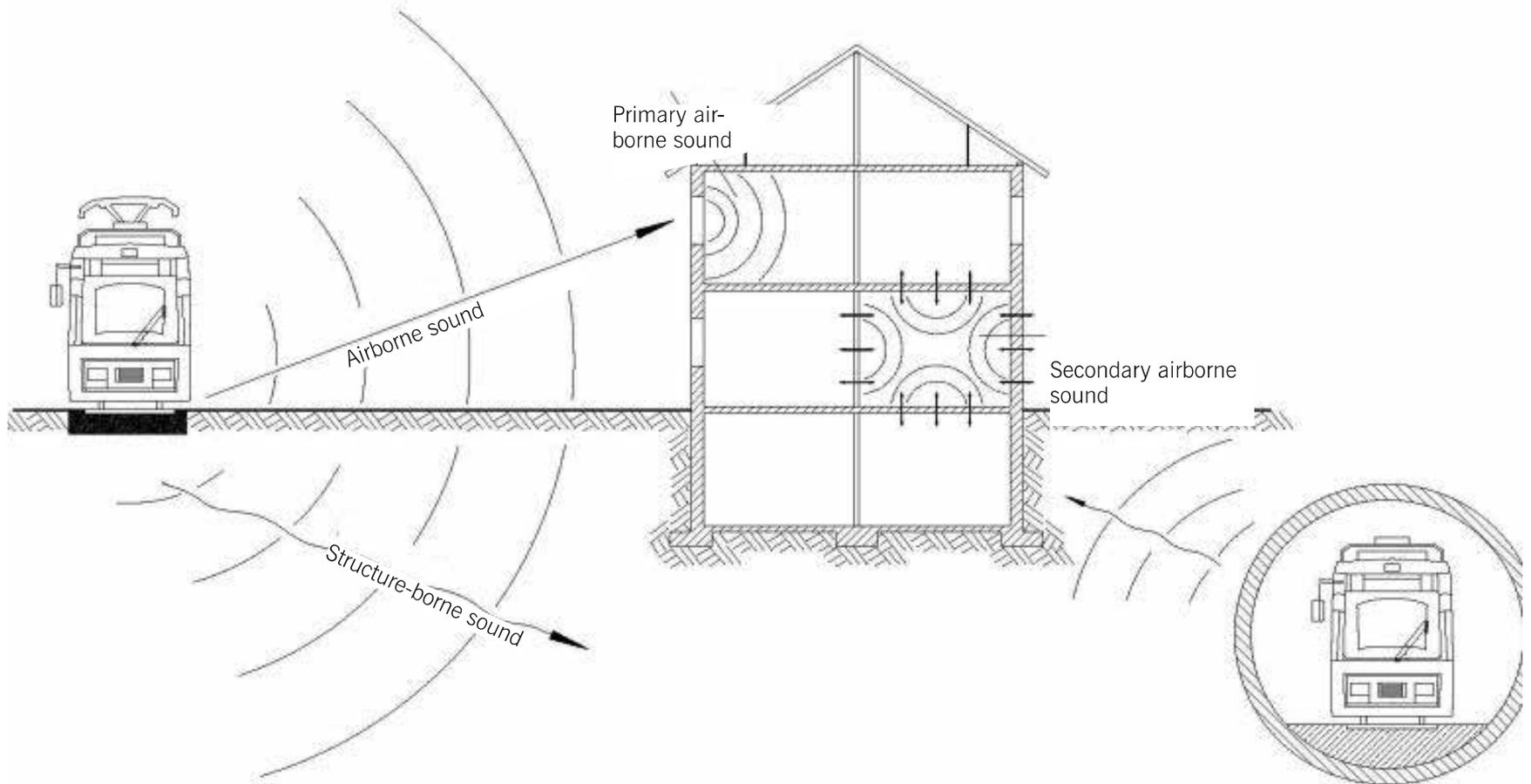


Isolasi Getaran Struktur Bangunan



Apa Itu Structure-borne Noise?



Tujuan Membangun Isolasi Getaran

- Perlindungan Kesehatan Penghuni
- Perlindungan Struktur Bangunan
- Perlindungan Peralatan

Metode Isolasi Getaran

1. Isolasi Getaran di tempat emisi
2. Isolasi Getaran di area transmisi
3. Getaran Isolasi di tempat peniruan
(*immision*)

Emission

- Type of excitation (railway traffic, industry, etc.)
- Level of excitation
- Composition of the frequency components



Transmission

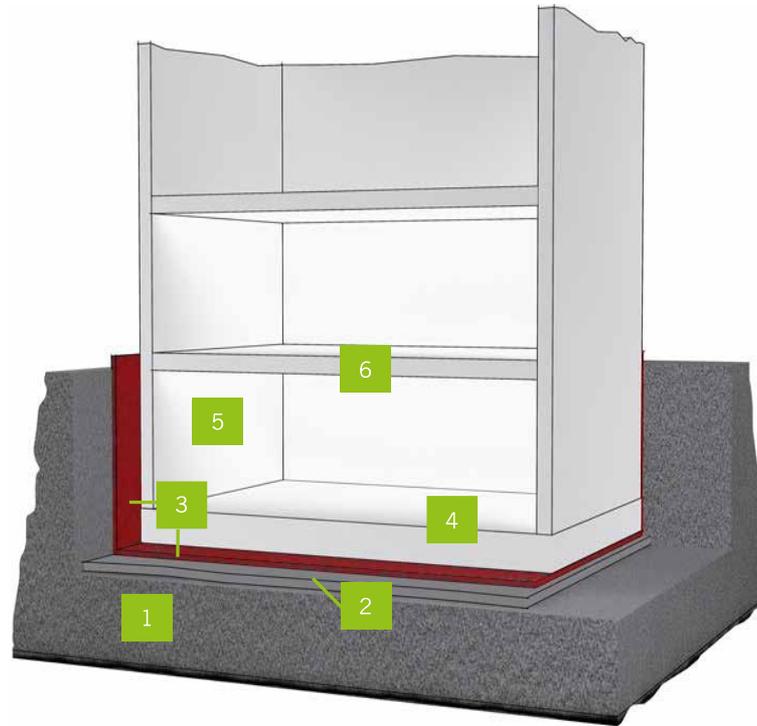
- Spreading on the ground
- Coupling of the building
- Elastic decoupling
- Impact of the ceilings (building component resonances)



Immission

- Vibrations to be expected in the building (e.g. on finished floor)

Full Surface Vibration Isolation



Full-surface decoupling of a building foundation with **Regupol®/ Regufoam®** vibration damping material: 1 natural surface • 2 impedance plate • 3 **Regupol®/ Regufoam®** vibration isolation • 4 foundation plate • 5 basement wall • 6 floor slab



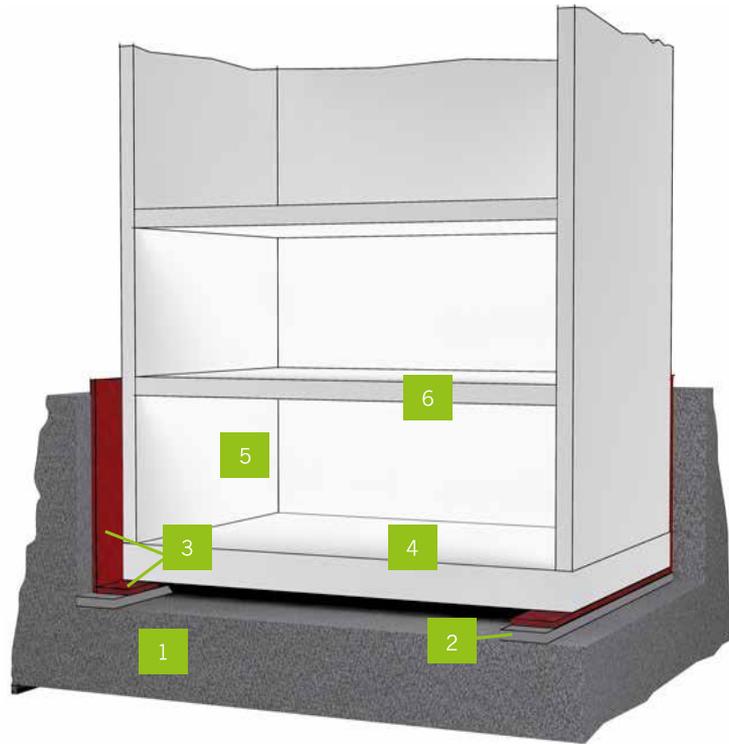




Vertical Vibration Isolation



Strip Vibration Isolation



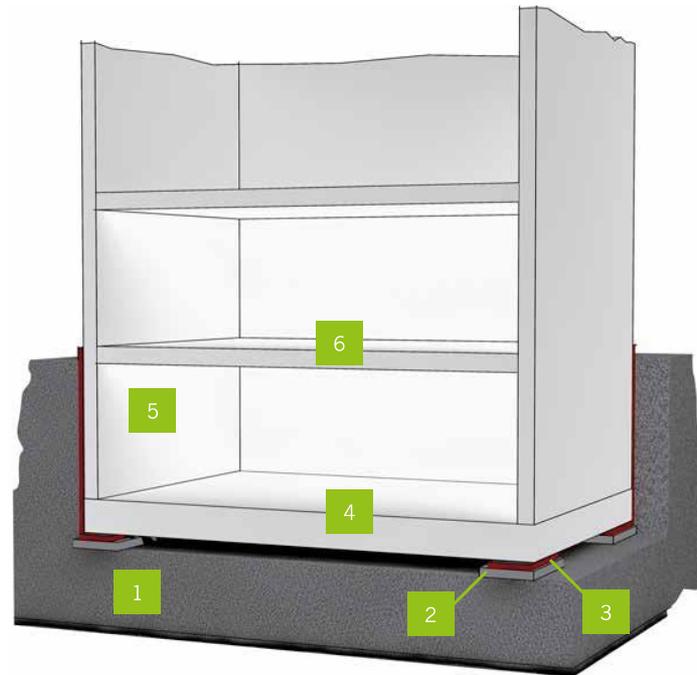
Strip decoupling of a building foundation with **Regupol®/ Regufoam®** vibration damping material: 1 natural surface • 2 impedance plate • 3 **Regupol®/ Regufoam®** vibration isolation • 4 foundation plate • 5 basement wall • 6 floor slab







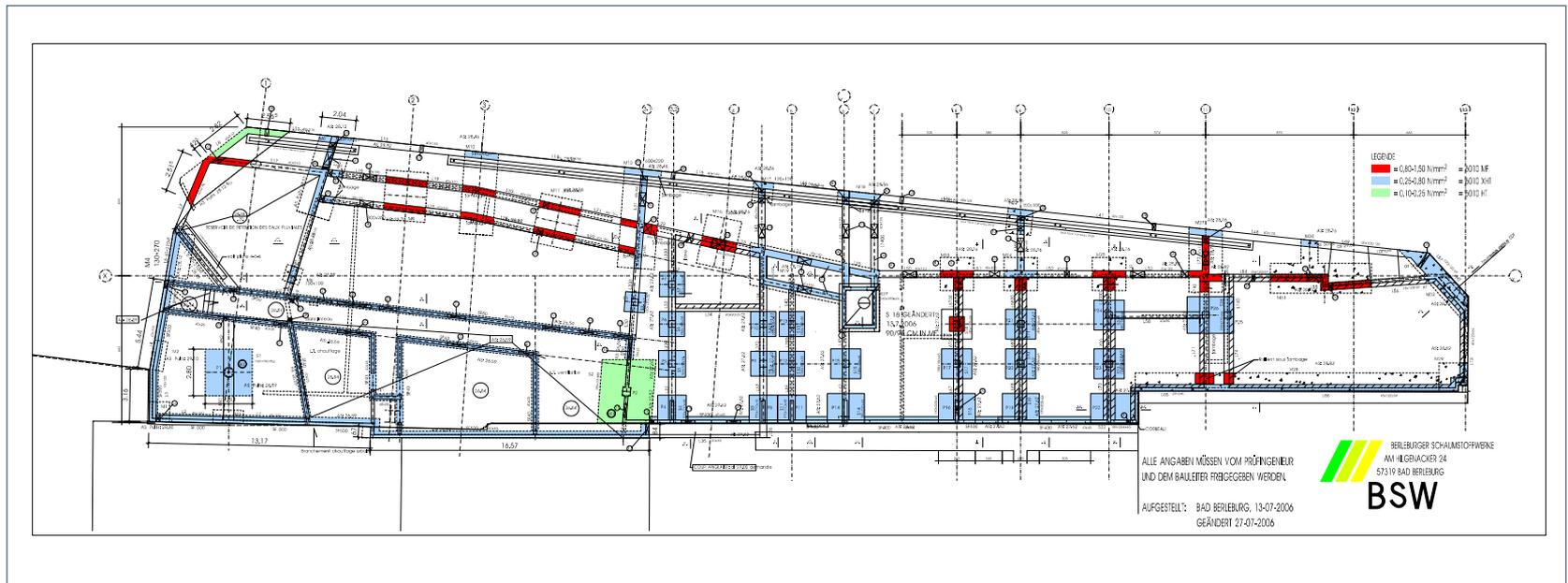
Point Vibration Isolation



Point decoupling of a building foundation with **Regupol®/ Regufoam®** vibration damping material: 1 natural surface • 2 impedance plate • 3 **Regupol®/ Regufoam®** vibration isolation • 4 foundation plate • 5 basement wall • 6 floor slab



Clichy (France) Music School



The red, blue and green fields indicate the installation of various **Regupol**® types.

