



## Bona R410

### Site Work

#### Surface preparation

The substrate must be even, totally dry, clean, free from cracks and physically sound. The surface should also be slightly textured. If necessary it should be professionally prepared for laying.

Suitable substrates (also in association with underfloor heating) are:

- Cementitious screed (CT) according to EN 13813
- Calcium sulfate screed (CA) according to EN 13813
- Mastic asphalt screed (AS) according to EN 13813
- Wooden substrates
- Chipboard (V100)
- Magnesia floors
- Heated floors

#### Application

Before using the primer the following climatic conditions must be met (values for Central Europe):

- Air temperature: min. 18°C
- Floor temperature: min. 15°C (with underfloor heating max. 20°C)
- R.H: max. 70%

The primer itself must, if necessary, be brought to the right temperature  
- when warm it reacts more quickly,  
- when cold it reacts more slowly.

The resin and hardener components are supplied in the correct proportions. Add component B (in the cover unit) completely to component A (bucket) and mix thoroughly, e.g using a drilling machine with a stirrer. The pot life of the mixed primer is approx. 20 minutes and it is therefore important to ensure that it can be used within this time.

Apply the primer to the substrate using a roller, brush or trowel.

N.B. The tools to be used must be clean. Contamination from any residues may affect the properties of R410.

If used as a primer, apply one layer and broadcast sand into the drying film. If R770, R777 or R840, R850, R850T are to be used for gluing afterwards, the use of sand is not necessary.

For in-depth (approx. 1-2 mm) priming add approx. 20% S100, mix thoroughly and apply. If necessary, follow with an application of the non thinned mixture (without S100) and broadcast sand into the drying film. With S100 added the pot life is 40 minutes.

When used for damp-proofing (only on concrete and cement/sand screeds) the primer has to be generously applied twice and in alternate directions. Wait until the primer has started to react (2 to 3 hours) before applying the second coat. After applying the second layer, broadcast sand- 2 kg/m<sup>2</sup> dry quartz sand (grain size 0.3-0.8 mm).

Brush off the excess sand, rub with a stone for loosening unattached sand and remove excess sand with a vacuum cleaner.

Drying time: Approx. 24 hours

Coverage: Approx. 150-250 g/m<sup>2</sup> (primer)  
Approx. 500 g/m<sup>2</sup> (damp-proofing)

Please also refer to the instructions for use provided by the parquet manufacturer.

### **Safety**

Component A (resin): Harmful. Degrading the environment. Contains epoxy based compounds. Follow the manufacturer's instructions. Irritates eyes and skin. Sensitivity through skin contact possible. Poisonous for water organisms. May have long-lasting damaging effects in stretches of water, lakes, rivers and channels.

Avoid contact with eyes and skin. In case of eye contact rinse with plenty of water, consult a physician. Wear appropriate protective gloves, goggles and facial mask. Avoid exposing the environment to this substance. Prior to use consult the Safety Data Sheet.

Component B (hardener): Corrosive.

Damaging to health when inhaled, swallowed or touched. Causes caustic wounds. Sensitivity through skin contact possible. Avoid contact with eyes and skin. In case of eye contact rinse with plenty of water and consult a physician. In case of skin contact clean with plenty of water and soap. Wear appropriate protective gloves, goggles and facial mask.

In case of accident or sickness, consult a physician immediately, if possible show this information sheet.

Additional detailed information is noted in the appropriate Safety Data Sheet.

