Claims

1. A dry mortar composition, in particular mortar-glue for tiling adhesive, comprising a hydraulic binder and aggregates, said hydraulic binder comprising 15 to 50% by weight of ground granulated blast furnace slag and 25 to 60% by weight of Portland cement, at least 12% by weight of lightweight aggregates, at most 10% by weight of heavyweight aggregates, said composition having an apparent density of between 0.40 and 0.69 $kg.dm^{-3}$,

wherein the total content by weight of hydraulic binder is at least 45%, preferably at least 50%, and at most 70%.

2. The composition according to claim 1, the apparent density of which is at least 0.45 $kg.dm^{-3}$.

3. The composition according to one of the preceding claims, comprising 25 to 50% by weight of Portland cement and 20 to 50% by weight of ground granulated blast furnace slag.

4. The composition according to one of the preceding claims, comprising at most 40% by weight of lightweight aggregates, the apparent density of which is at most 600 kg/m^3.

5. The composition according to the preceding claim, wherein the maximum size of the lightweight aggregates is at most 0.400 mm, in particular at most 0.315 mm.

6. The composition according to the preceding claim, wherein the lightweight aggregates comprise a mixture of hydrophobic expanded perlite, thermosetting polymer powder and hollow silicate particles.

7. The composition according to the preceding claim, wherein the hollow silicate particles are selected from the expanded glass beads and the cenospheres.

8. The composition according to one of claims 7 or 8, wherein the thermosetting polymer powder is present at a content by weight ranging from 2 to 20%, and the maximum size thereof is at most 0.150 mm.

9. The composition according to one of the preceding claims, comprising from 2 to 8% by weight of heavyweight aggregates, the apparent density of which is greater than 600 kg/m^3.

10. The composition according to one of the preceding claims, further comprising a redispersible polymer powder at a content by weight of between 0.5 and 20%.

11. The composition according to one of the preceding claims, which is a masonry mortar composition, a mortar composition for facade rendering, a bonding mortar composition for external insulation systems, or an undercoat mortar composition for an external insulation system.

12. The composition according to one of claims 1 to 11, which is a dry mortar-glue composition for tiling adhesive.

13. A method for attaching a tiling to a substrate, comprising, successively, mixing the dry composition according to the preceding claim with water so as to obtain a wet mortar, applying the wet mortar to said substrate, and applying the tiles of said tiling to said substrate.

14. The method according to the preceding claim, such that the weight ratio of water to dry composition is between 0.45 and 0.55.