CLAIMS

1. A use of a ready to use, pasty or liquid levelling compound that allows to or is constructed/set up to coat a subfloor as basis for a floor covering on its upper surface, said levelling compound comprising a combination of an aqueous polymer dispersion, a water glass, a filler with gaseous inclusions and preferably a spreading composition and optionally other additives, wherein the aqueous polymer dispersion is present in an amount of 0.1 to 30 percent by weight (W-%), calculated as dry polymer; the water glass is present in an amount of from 1 to 40 W-%; and the filler with gaseous inclusions is present in an amount ranging from 0.5 to 10 W-%, as a levelling coating on a subfloor or as a finishing coating for floors.

2. The use according to claim 1, wherein the aqueous polymer dispersion is an aqueous dispersion of at least one polymer selected from homopolymers, especially vinyl esters, polyesters, poly epoxides of polyamides,and copolymers obtained from two or more monomers selected from the group consisting of e.g. vinyl acetate, vinyl propionate, vinyl butyrate, vinyl-2-ethyl hexanoate, vinyl laureate, 1-methylvinyl acetate, vinyl pivalate or vinyl esters of alpha-branched monocarbonic acids with 9 to 11 carbon atoms; (meth)acrylic acid esters or amides, such as methylacrylate, methylmethacrylate, ethylacrylate, ethylmethacrylate, propylacrylate, propylmethacrylate, hydroxyethylacrylate, hydroxyethylmethacrylate, hydroxypropylacrylate, hydroxypropylmethacrylate, n-butyl-acrylate, n-butylmethacrylate, t-butylacrylate, t-butylmethacrylate or 2-ethylhexylacrylate; vinyl aromates, e.g. styrene, methylstyrene or vinyltoluene; olefins, such as ethylene, propylene, 1,3-butadiene and isoprene; 1,3-dienes; and vinylhalogenides, e.g. vinylchloride further (co)polymerizable monomers, such as fumaric acid, maleic acid or its diethyl or diisopropylester

or its anhydride, ethylenically unsaturated sulfonic acids or their salts, such as vinyl sulfonic acid, 2-acrylamido-2-methyl-propane sulfonic acid, diallylphthalate, divinyl adipate, diallyl maleate, allylmethacrylate or triallylcyanurate, or crosslinking comonomers, such as acrylamidoglycolic acid, methylacrylamidoglycolic acid methyl ester, N-methylolacrylamide, N-methylo-methacrylamide, N-methylsolallylcarbamate, alkyl ethers such as the isobutoxyether or ester of N-methylolacrylamide or –methacylamide, epoxy-functionalized such as glycidyl methacrylate or –acrylate, silicium functional comonomers, such as acryloxypropyltri(alkoxy)- or –methacryloxypropyltri(alkoxy) silanes, wherein alkoxy is e.g. methoxy, ethoxy or ethoxyethylen- or –propylenglycolethers, diaceton acrylamide and acetylacetoxyethylacrylate or –methacrylate; especially a co-polymerisate of two or more monomers selected from the group consisting of styrene, (meth)acrylic acid, C_1-C_7alkyl-(meth)acrylate, such as methyl or ethyl (meth)acrylate (preferred) and (meth)acrylamide.

3. The use according to claim 1 or claim 2 wherein the water glass is an aqueous lithium silicate or a mixture of alkali silicates including lithium silicate.

4. The use according to any one of claims 1 to 3 wherein the filler with gaseous inclusions comprising pores and/or capillaries wherein the filler is an aluminosilicate.

5. The use according to any one of claims 1 to 4 wherein the spreading composition is an aqueous

suspension of a polymer based on polycarboxyl ethers, or a mixture or two or more such polymers.

6. The use according to any one of claims 1 to 5, wherein the aqueous polymer dispersion is present in an amount of from 0.5 to 25 W-%, in a preferred variant from 1 to 20 W-%, calculated as dry polymer; the water glass is present in an amount of from 2 to 20 W-%, preferably from 3 to 10 W-%; the filler with gaseous inclusions is present in an amount ranging from 1 to 10 W-%, preferably from 2 to 10 W-%; and the spreading composition is present in an amount ranging from 0.01 to 5 W-%, e.g. from 0.05 to 2 W-%, preferably from 0.1 to 1 W-%.

7. The use according claim 6, wherein the optional other additives are selected from water, a defoamer, a thickener, a biocide, a dispersion stabilizer, a dispersant, or two or more or especially all thereof; wherein preferably the water is present in an amount from 1 to 50 W-%; the defoamer is present in an amount falling in the range from 0.05 to 5 W-%; the thickener is present in an amount falling in the range from 0.005 to 1 W-%, the biocide is present in an amount falling in the range from 0.01 to 2 W-%, the dispersion stabilizer is present in an amount falling in the range from 0.05 to 5 W-%, and the dispersant is present in an amount falling in the range from 0.01 to 5 W-%; and optionally one or more further ingredients selected from fibers, accelerators, retardants, wetting agents, solvens other than water, coloring agents, plasticizers, light- or UV-stabilizers or

mixtures of two or more thereof, which may be present in a total amount from 0.01 to 20 W-%.

8. The use according to any one of claims 1 to 7, comprising as defoamer a defoamer based on an aqueous emulsion of a polysiloxane copolymer with hydrophobic silica; as thickener a modified cellulose; as biocide a microbiocide; as dispersion stabilizer Carrageenan, Cellulose gum, diutan gum, gellan gum, whey protein concentrate, pectin, locust bean gum, xanthan gum or γ-polyglutamate, or a mixture of two or more thereof; and as dispersant an anionic, cationic and/or non-ionic detergent, especially salt modified phosphonic acid.

9. The use according to any one of claims 1 to 8, wherein the levelling compound is a floor levelling compound.

10. The use according claim 9, wherein the floor levelling compound has a bond strength greater or equal to 0.8 N/mm^2 measured according to EN 13892-8 after 3 days of drying in a climate chamber maintained at 20°C with 65% of relative humidity, preferably to 1.0 N/mm^2.

11. The use according to any one of claims 1 to 10, as levelling coating on a subfloor, comprising applying it in a thickness of up to 10 mm, e.g. up to 9, 8, 7, 6 or especially 5 mm.

12. The use according to any one of claims 1 to 10, as finishing coating for floors, wherein the levelling compound comprises coloring and/or shine contributing additives.