

Guidelines for applying

Qeshfloor EP 2500

base self levelling floor

	Description	Tools/Equipment
Temperature and atmospheric Relative Humidity (R.H.)	<ul style="list-style-type: none"> ▶ Minimum temperature in the working area: 15°C. ▶ Minimum floor temperature: 10°C and 3°C above the dew-point to prevent condensation. ▶ Atmospheric R.H.: maximum 85% ▶ Maximum ambient temperature: 35°C. ▶ High temperatures shorten the working time. ▶ Allow the material to acclimatise for at least 24 hours. ▶ Avoid draughts and air flow over the floor. ▶ Large temperature differences must be avoided because this can lead to temperature-shock and can adversely affect the final result. 	<ul style="list-style-type: none"> ▶ Temperature measuring device ▶ Hygrometer ▶ Floor temperature measuring device ▶ Dew-point table
Safety measures	<ul style="list-style-type: none"> ▶ As indicated on the product label. 	<ul style="list-style-type: none"> ▶ Protective wear
Sub-floor	<ul style="list-style-type: none"> ▶ The primer or screed must not be tacky and must be suitable for foot traffic. ▶ Remove any extraneous material by sanding or chiselling. ▶ Then vacuum the surface. ▶ Fill any small holes with a suitable putty. ▶ Checking the moisture content. ▶ Check the adhesion of the primer. 	<ul style="list-style-type: none"> ▶ Industrial vacuum cleaner ▶ Sanding machine ▶ Putty knife ▶ Floor temperature measuring device ▶ Hydrometer
Mixing the self levelling floor	<p><u>1 mm</u></p> <ul style="list-style-type: none"> ▶ Stir component A thoroughly. ▶ Pour component B into component A. ▶ Scrape the container out well to ensure all material is transferred. ▶ Mix using a drill with a mixer attachment that extends to the base of the vessel ▶ Mix until the mixture is homogenous. ▶ Mixing time: at least 3 minutes. ▶ In order to prevent unmixed material being used from the base/edges of the mixing vessel, transfer the mixture to a clean vessel and then mix again. <p><u>2 mm</u></p> <ul style="list-style-type: none"> ▶ Add 8 kg component C (Qeshfloor sand 0.1 – 0.5 mm) to 25 kg Qeshfloor EP 2500 base self levelling floor. ▶ Mix until the mixture is homogenous. ▶ Mixing time: at least 1 minute. <p><u>3 mm</u></p> <ul style="list-style-type: none"> ▶ Add 15 kg component C (Qeshfloor sand 0.3 – 0.8 mm) to 25 kg Qeshfloor EP 2500 base self levelling floor. ▶ Mix until the mixture is homogenous. ▶ Mixing time: at least 1 minute. 	<ul style="list-style-type: none"> ▶ Drill with mixer attachment

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Application of the self levelling floor	<ul style="list-style-type: none">▶ Pour the mixture onto the sub-floor and distribute with a flat stainless steel trowel, notched trowel or blade. Apply the desired layer thickness.▶ When work is stopped (>15 minutes), place a tape on the sub-floor.▶ On continuing the work, removal of the tape gives a clear seam along which work can be carried out.	<ul style="list-style-type: none">▶ Flat trowel▶ Notched trowel▶ Tape
Spiking the self levelling floor	<ul style="list-style-type: none">▶ Immediately after laying the self levelling floor, slowly and carefully spike the floor using a spiked roller (to get rid of any puddles).▶ Only use a rolling motion.▶ Work in an overlapping way so that the entire area of the floor is spiked several times.	<ul style="list-style-type: none">▶ Spiked roller▶ Spiked shoes
Hardening time at 20°C and 65% atmospheric R.H.	<ul style="list-style-type: none">▶ Suitable for foot traffic and further treatments after ca. 16 hours.▶ Apply any further finish within 24 hours.▶ For optimum adhesion of the finishing layer, lightly sand the floor.▶ Do not scratch the surface.▶ Then vacuum.▶ Low temperatures retard the hardening.	<ul style="list-style-type: none">▶ Sanding machine▶ Industrial vacuum machine
Cleaning tools/equipment	<ul style="list-style-type: none">▶ Clean tools/equipment immediately after use with UZIN VE 124 cleaner*.	