

Guidelines for applying

Qeshfloor EP 6640 EG electrically conducting primer

Description	Tools/Equipment
Temperature and 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. ▶ R.H.: maximum 85% ▶ Maximum ambient temperature: 35°C. ▶ High temperatures shorten the application time. 	<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"> ▶ Remove any extraneous material by sanding or chiselling. ▶ Then vacuum the surface. ▶ Fill any small holes with a suitable putty. ▶ The electrically conducting primer must be applied to a sub-floor primed with Qeshfloor EP 6200 screed (this to prevent removal of the Qeshfloor EP 6640 EG). 	<ul style="list-style-type: none"> ▶ Industrial vacuum ▶ Sanding machine ▶ Putty knife
Fitting the copper tape <ul style="list-style-type: none"> ▶ Self-adhesive copper strips, for conducting the electrostatic charge, must be bonded to the screed (at least a 1 metre strip for each 40 m² in combination with a loop). 	<ul style="list-style-type: none"> ▶ Roller for rubbing down
Mixing the EP 6640 EG electrically conducting primer <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 until the mixture is homogenous. ▶ Mixing time: at least 2 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. 	<ul style="list-style-type: none"> ▶ Drill with mixer attachment ▶ 25 litre vessel
Application of the EP 6640 EG electrically conducting primer <ul style="list-style-type: none"> ▶ Apply along the edges with a brush and then roll with a 10 cm Perlon or mohair roller. ▶ Immediately thereafter apply as thin a layer as possible to the remaining surface using a 25 cm wide lamb's fleece roller or polyester roller. ▶ Distribute the primer evenly so that all the surface is covered. ▶ Do not allow puddles to form. ▶ Roll out the floor roller regularly to prevent it becoming saturated. 	<ul style="list-style-type: none"> ▶ 10 cm perlon- or mohair roller ▶ 25 cm lamb's fleece or polyester roller
Hardening time for EP 6640 EG primer at 20°C and 65% R.H. <ul style="list-style-type: none"> ▶ Low temperatures retard the hardening. 	

Guidelines for applying EP 6640 EG

Description	Tools/Equipment
Testing the EP 6640 EG electrically conducting primer for continuity	<ul style="list-style-type: none">▶ Before the cast floor is laid, the primer must first be tested for continuity. This must be done once the primer is dry.
Cleaning tools/equipment	<ul style="list-style-type: none">▶ Clean tools/equipment immediately after use with lukewarm water.
Mixing the cast floor	<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.▶ No concentrations of fibres may remain in the packaging.▶ 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. <ul style="list-style-type: none">▶ Drill with mixer attachment▶ Scraper▶ Clean working vessel
Application of the EP 2400 EG electrically conducting cast floor	<ul style="list-style-type: none">▶ Pour the mixed material onto the sub-floor and distribute with a flat trowel.▶ Apply a layer thickness of 1.25 – 1.75 mm. <ul style="list-style-type: none">▶ Flat trowel▶ Tape
Spiking the EP 2400 EG electrically conducting cast floor	<ul style="list-style-type: none">▶ Immediately after laying the cast floor, slowly and carefully spike the floor a maximum of 1 time using a spiked roller to get rid of air bubbles.▶ Only use a rolling motion. <ul style="list-style-type: none">▶ Spiked roller▶ Spiked shoes
Hardening time at 20°C and 65% R.H.	<ul style="list-style-type: none">▶ Suitable for foot traffic after ca. 16 hours.▶ Lower temperatures retard the hardening.
Cleaning tools/equipment	<ul style="list-style-type: none">▶ Clean tools/equipment immediately after use with UZIN VE 124 cleaner*.

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