

Guidelines for applying Qesh Flakes

Description	Tools/Equipment
System structure Qesh Flakes consist of: <ul style="list-style-type: none"> ▶ Qeshfloor EP 3900 OV floor coating*. ▶ Qeshfloor EP 3900 OV floor coating “fully” strewn with flakes. ▶ Qeshfloor PU 7750 matt sealant layer*. ▶ Qeshfloor PU 7750 matt sealant layer* diluted 10% with Qeshfloor PU thinners. 	
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. ▶ Higher 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 blasting. ▶ Remove dust from the sub-floor using an industrial vacuum cleaner. ▶ Fill seams and small holes with a suitable putty. ▶ Carry out larger repairs with Qeshfloor EP 1500 repair mortar* or UZIN-NC 182 fine repair mortar*. ▶ First level uneven floors using UZIN-NC 170 levelling compound*. 	<ul style="list-style-type: none"> ▶ Industrial vacuum cleaner ▶ Blasting machine ▶ Sanding machine ▶ Putty knife ▶ Flat trowel
Mixing the Qeshfloor EP 3900 OV floor coating* <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 until the mixture is homogenous. ▶ Mixing time: at least 2 minutes. ▶ For easy application transfer the mixture to a 25 litre vessel into which a 25 litre roller fits. 	<ul style="list-style-type: none"> ▶ Drill with mixer attachment ▶ clean working vessel
Application of the Qeshfloor EP 3900 OV floor coating* <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 as possible a layer to the remaining surface using a 25 cm wide lamb's fleece roller or polyester roller. ▶ Then roll the surface again using a clean 70 cm floor roller. ▶ Squeeze out the floor roller regularly to prevent it becoming saturated. ▶ To prevent visible thickening, do not apply the coating to the floor edges too far in advance of treating the main floor area. ▶ Ca. 5 minutes after applying the second layer of EP 3900 OV floor coating, strew the surface “fully” with flakes. 	<ul style="list-style-type: none"> ▶ Brush ▶ 10 cm Perlon or mohair roller ▶ 25 cm lamb's fleece or polyester roller ▶ 70 cm floor roller

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Description		Tools/Equipment
Mixing the Qeshfloor EP 3950 transparent floor coating	<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 until the mixture is homogenous. ▶ Mixing time: at least 2 minutes. ▶ For easy application transfer the mixture to a 25 litre vessel into which a 25 litre roller fits. 	<ul style="list-style-type: none"> ▶ Drill with mixer attachment ▶ 25 litre working vessel
Application of the Qeshfloor EP 3950 transparent floor coating	<ul style="list-style-type: none"> ▶ Remove excess flakes by brushing or vacuuming. ▶ Apply along the edges with a brush and then roll with a 10 cm Perlon or mohair roller. ▶ Immediately thereafter apply as thin as possible a layer to the remaining surface using a 25 cm wide lamb's fleece roller or polyester roller. ▶ Then roll the surface again using a clean 70 cm floor roller. ▶ Squeeze out the floor roller regularly to prevent it becoming saturated. ▶ To prevent visible thickening, do not apply the coating to the floor edges too far in advance of treating the main floor area. 	<ul style="list-style-type: none"> ▶ Brush or vacuum ▶ 10 cm Perlon or mohair roller ▶ 25 cm lamb's fleece or polyester roller ▶ 70 cm floor roller
Mixing the Qeshfloor PU 7770 matt sealant layer	<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 until the mixture is homogenous. ▶ Mixing time: at least 2 minutes. ▶ For easy application transfer the mixture to a 25 litre vessel into which a 25 litre roller fits. 	<ul style="list-style-type: none"> ▶ Drill with mixer attachment ▶ 25 litre working vessel
Application of the PU 7770 matt sealant layer	<ul style="list-style-type: none"> ▶ Remove excess flakes by brushing or vacuuming. ▶ Apply along the edges with a brush and then roll with a 10 cm Perlon or mohair roller. ▶ Immediately thereafter apply as thin as possible a layer to the remaining surface using a 25 cm wide lamb's fleece roller or polyester roller. ▶ Then roll the surface again using a clean 70 cm floor roller. ▶ Squeeze out the floor roller regularly to prevent it becoming saturated. ▶ To prevent visible thickening, do not apply the coating to the floor edges too far in advance of treating the main floor area. 	<ul style="list-style-type: none"> ▶ Brush or vacuum ▶ 10 cm Perlon or mohair roller ▶ 25 cm lamb's fleece or polyester roller ▶ 70 cm floor roller
Hardening time at 20°C and 65% R.H.	<ul style="list-style-type: none"> ▶ Suitable for foot traffic and further treatments after ca. 16 hours. ▶ Apply the following layer within 24 hours. Thereafter the surface must first be roughened. ▶ Low temperatures retard the hardening process. 	
Cleaning tools/equipment	<ul style="list-style-type: none"> ▶ Clean tools/equipment immediately after use with UIZIN VE 124 cleaner*. 	