INSTALLATION INSTRUCTIONS – POLYFLOR TECHNICAL VINYL FLOORING

Homogeneous Vinyl Flooring

POLYFLOR
PRIMUS 2000 PUR

POLYFLOR
ULTRA XL PU

POLYFLOR
PRESTIGE PUR

POLYFLOR
TREND PUR

POLYFLOR
MYSTIQUE PUR

POLYFLOR
PEARLAZZO PUR

1. GENERAL INFORMATION

When installing homogeneous floorcoverings always follow current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer.**

On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms with the parameters set in the relevant national standards.

A smooth, even and absorbent surface is necessary for correct installation of the flooring. If this is not available, it is recommended that a floor smoothing underlayment be applied prior to the laying of vinyl floorcoverings. Porous subfloors must be primed.

In installations where underfloor heating is used, current standards should be followed (Germany: DIN 18365 and EN 1264-2). Maximum working temperature on the surface of the flooring is 27°C.

3. INSTALLATION OF RESILIENT FLOORCOVERINGS

When installing resilient floorcoverings always follow current standards (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

To achieve best results, site conditions should be as described in DIN 18365 for Germany (BS 8203 for the UK and as in other relevant national standards). The subfloor must be checked for moisture and should not exceed of 65 % relative humidity is required prior to laying the vinyl. It is strongly recommended that the floorcoverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.

INSTALLING PVC FLOORING TILES

In order to reduce the waste when cutting to size, it is recommended that you measure out the area to be covered and match the tile layout to this. Chalk lines are then applied across the length and breadth of the area in accordance with the above-mentioned layout. The tiles are then installed tessellated into the bed of adhesive. Care must be taken to ensure that the tiles are “in bond”.

INSTALLING PVC FLOORING ROLLS

In order to guarantee colour matching within an area, the lengths of flooring must be cut from a single roll. It is recommended that an allowance of at least 75 mm is made for trimming in the manufacturing edges before installation.

A utility knife or seam cutter and/or a cutting machine are used to cut the seams. The lengths are then opened out unilaterally, the adhesive is applied and the lengths are placed in the bed of adhesive.

Adhesive should be applied using a notched trowel as recommended by the adhesive manufacturer, the amount of adhesive that can be spread at any one time is dependent on prevailing site conditions, which can affect the open time of the adhesive. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll with a 68 kgs articulated floor roller, firstly in the short direction, then in the long. In corners and other awkward areas use a hand roller. Roll the area again between one and four hours later.

Early trafficking should be avoided as this may disturb the adhesive bond and weaken it.

SEAM WELDING

The seams of the homogeneous objectflor flooring must be thermally or chemically welded. The welding may not be carried out for at least 24 hours after bonding.

In the case of thermal welding prior to welding the material some of the material must be removed from the seam, creating a groove that will accept the weld rod. Two types of groove can be cut.

1) a ‘U’ shaped which leaves a semi circular groove in the vinyl. This should extend into the vinyl for 2/3 of its thickness upto a maximum of 2.0 mm.

2) a “V” shape which leaves a 60° triangular groove in the vinyl. This should extend into the vinyl for 7/8 of its thickness.

To apply the welding rod, use a welding gun fitted with a speedweld nozzle. At a temperature of approx. 200 to 250°C, an automatic welding can also be used. Following welding, the welding bead is trimmed using a trimming spatula fitted with a trimming guide. When the weld has cooled the weld is trimmed flat using the trimming spatula only.

For further guidance contact our objectflor Customer Technical Support.

Please also refer to our current list of recommended adhesives and our maintenance guide!

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Ein Unternehmen der James Halstead FLOORING

INSTALLATION INSTRUCTIONS – POLYFLOR TECHNICAL VINYL FLOORING

Heterogeneous Vinyl Flooring

POLYFLOR LIGNO FX PUR

POLYFLOR MINERAL FX PUR

1. GENERAL INFORMATION

When installing LIGNO FX and MINERAL FX sheet floorings always follow current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer**.

On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floor-coverings (VOB, Part C, DIN 18365 in Germany, and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms to the parameters set in the relevant national standards.

A smooth, even and absorbent surface is necessary for correct installation of the flooring. It is principally recommended that a floor smoothing underlayment be applied prior to the laying of PVC floorcoverings.

In installations where underfloor heating is used, current standards should be followed (Germany: DIN 18365 and EN 1264-2). Maximum working temperature on the surface of the flooring is 27° C.

3. INSTALLATION

When installing LIGNO FX and MINERAL FX floor-coverings always follow current standards (VOB, Part C, DIN 18365 in Germany, and other relevant standards), also best current installation practice incorporating the latest technical developments should be employed.

To achieve best results, site conditions should be as described in DIN 18365 for Germany: minimum floor temperature of 15° C, minimum room temperature of 18° C and a maximum moisture content of 65 %.

It is strongly recommended that the floorcoverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.

In order to guarantee colour matching within the area, the lengths of the flooring must be cut continuously from a single roll. The manufacturing edges must always be trimmed before installation. LIGNO FX features a print layer with a regular repeat decoration and to maximize the final appearance of the installation and to ensure that the decorative effect is not lost it is important that care is taken to align each adjacent sheet. Use a utility knife or a seam cutter and/or a cutting machine to cut the seam.

Once the seams have been cut fold back all the sheets half way and apply the adhesive. Then fold the sheet back into their original position.

Apply the adhesive using a notched trowel as recommended by the adhesive manufacturer. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll the floor to expel any air bubbles and to ensure good contact with the adhesive. After a period of ca. 45 – 60 minutes (depending on the site conditions) roll the floor again with an articulated roller.

Early trafficking should be avoided, as this will disturb the adhesive bond.

4. WELDING

LIGNO FX and MINERAL FX sheets must be thermally or chemically welded. This may be done once the adhesive is cured, normally at the earliest 24 hours upon installation.

The seam can be grooved out using a hand groover or a pow-er grooving machine (a grooving blade of 3.4 mm is recommended). The groove should not be deeper than 2/3 rds of the thickness of the flooring material, or the thickness of the wear layer. Use a manual welding device with a quick welding nozzle at a suitable welding temperature or an automatic welding device. Following welding, the welding rod is pre-cut using a cutting slide and a spatula knife and once it has cooled down it is finished flat with a spatula knife.

For the chemical or cold welding cover the seam with a mask-ing tape or similar to prevent any excess welding liquid coming into contact with the flooring surface. Cut through the tape at the seam using a utility knife. Apply the welding liquid as per the manufacturer's instructions. Once the welding liquid has cured, the masking tape can be removed.

For further guidance contact our objectflor Customer Technical Support.

Please also refer to our current list of recommended adhesives and our maintenance guide!

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INSTALLATION INSTRUCTIONS – POLYFLOR TECHNICAL VINYL FLOORING

ESD Vinyl Flooring

POLYFLOR PRIMUS 2000 SD

POLYFLOR CONDUCTIV EC

1. GENERAL INFORMATION

When installing homogeneous floorcoverings always follow current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer.**

On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms with the parameters set in the relevant national standards.

A smooth, even and absorbent surface is necessary for correct installation of the flooring. If this is not available, it is recommended that a floor smoothing underlayment be applied prior to the laying of vinyl floorcoverings. Porous subfloors must be primed.

In installations where underfloor heating is used, current standards should be followed (Germany: DIN 18365 and EN 1264-2). Maximum working temperature on the surface of the flooring is 27° C.

3. INSTALLATION OF RESILIENT FLOORCOVERINGS

When installing resilient floorcoverings always follow current standards (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

To achieve best results, site conditions should be as described in DIN 18365 for Germany (BS 8203 for the UK and as in other relevant national standards). The subfloor must be checked for moisture and should not exceed of 65 % relative humidity is required prior to laying the vinyl. It is strongly recommended that the floorcoverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.

INSTALLING PVC FLOORING TILES

In order to reduce the waste when cutting to size, it is recommended that you measure out the area to be covered and match the tile layout to this. Chalk lines are then applied across the length and breadth of the area in accordance with the above-mentioned layout. The tiles are then installed tessellated into the bed of adhesive. Care must be taken to ensure that the tiles are “in bond”.

INSTALLING PVC FLOORING ROLLS

In order to guarantee colour matching within an area, the lengths of flooring must be cut from a single roll. It is recommended that an allowance of at least 75 mm is made for trimming in the manufacturing edges before installation.

A utility knife or seam cutter and/or a cutting machine are used to cut the seams. The lengths are then opened out unilaterally, the adhesive is applied and the lengths are placed in the bed of adhesive.

Adhesive should be applied using a notched trowel as recommended by the adhesive manufacturer, the amount of adhesive that can be spread at any one time is dependent on prevailing site conditions, which can affect the open time of the adhesive. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll with a 68 kgs articulated floor roller, firstly in the short direction, then in the long. In corners and other awkward areas use a hand roller. Roll the area again between one and four hours later.

Early trafficking should be avoided as this may disturb the adhesive bond and weaken it.

INSTALLING STATIC CONTROL FLOORING

Conductance to Earth

Lengths of metal earthing tape are adhered to the prepared substrate using a contact adhesive. The layout of the earthing grid depends upon the Polyflor ESD product used and the room layout. The Polyflor ESD vinyl should then be adhered to the prepared substrate using an approved conductive acrylic adhesive. A competant electrician should connect the earthing grid to the building earthing system.

The choice of Polyflor ESD product and method of installation is dependant on the specification required by the end user. Access panel applications require specific instructions to ensure product performance and achievement of electrical results outlines. Please contact objectflor technical support for further Information.

Seam welding

The seams of the homogeneous objectflor flooring must be thermally or chemically welded. The welding may not be carried out for at least 24 hours after bonding.

In the case of thermal welding prior to welding the material some of the material must be removed from the seam, creating a groove that will accept the weld rod. Two types of groove can be cut.

1) a ‘U’ shaped which leaves a semi circular groove in the vinyl. This should extend into the vinyl for 2/3 of its thickness upto a maximum of 2.0 mm.

2) a “V” shape which leaves a 60° triangular groove in the vinyl. This should extend into the vinyl for 7/8 of its thickness.

To apply the welding rod, use a welding gun fitted with a speedweld nozzle. At a temperature of approx. 200 to 250°C, an automatic welding can also be used. Following welding, the welding bead is trimmed using a trimming spatula fitted with a trimming guide. When the weld has cooled the weld is trimmed flat using the trimming spatula only.

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Ein Unternehmen der James Halstead FLOORING

INSTALLATION INSTRUCTIONS – POLYFLOR TECHNICAL VINYL FLOORING

Heterogeneous Vinyl Flooring

POLYFLOR ACOUSTIX GALLERY FX

POLYFLOR ACOUSTIX FOREST FX

1. GENERAL INFORMATION

When installing ACOUSTIX GALLERY FX and ACOUSTIX FOREST FX sheet floorings always follow current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer**.

On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floor-coverings (VOB, Part C, DIN 18365 in Germany, and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms to the parameters set in the relevant national standards.

A smooth, even and absorbent surface is necessary for correct installation of the flooring. It is principally recommended that a floor smoothing underlayment be applied prior to the laying of PVC floorcoverings.

In installations where underfloor heating is used, current standards should be followed (Germany: DIN 18365 and EN 1264-2). Maximum working temperature on the surface of the flooring is 27° C.

3. INSTALLATION

When installing LIGNO FX and MINERAL FX floor-coverings always follow current standards (VOB, Part C, DIN 18365 in Germany, and other relevant standards), also best current installation practice incorporating the latest technical developments should be employed.

To achieve best results, site conditions should be as described in DIN 18365 for Germany: minimum floor temperature of 15° C, minimum room temperature of 18° C and a maximum moisture content of 65 %.

It is strongly recommended that the floorcoverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.

In order to ensure colour matching within an area, the individual lengths of flooring should be cut continuously from a single roll. The manufacturing edges of the flooring have to be trimmed before installation. Wood effect designs feature a print layer with a regular pattern repeat; the optimum visual effect is achieved by carefully aligning adjacent sheets. Please use a Stanley knife or a seam cutter and/or a cutting machine to cut the seam.

Once the seams have been cut fold back all the sheets half way and apply the adhesive. Then fold the sheet back into their original position.

Apply the adhesive using a notched trowel as recommended by the adhesive manufacturer. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll the floor to expel any air bubbles and to ensure good contact with the adhesive. After a period of ca. 45 – 60 minutes (depending on the site conditions) roll the floor again with an articulated roller.

Early trafficking should be avoided, as this will disturb the adhesive bond.

4. WELDING

ACOUSTIX GALLERY FX and ACOUSTIX FOREST FX sheets must be thermally or chemically welded. This may be done once the adhesive is cured, normally at the earliest 24 hours upon installation.

The seam can be grooved out using a hand groover or a pow-er grooving machine (a grooving blade of 3.4 mm is recommended). The groove should not be deeper than 1.6 mm. Use a manual welding device with a quick welding nozzle at a suitable welding temperature or an automatic welding device. Following welding, the welding rod is pre-cut using a cutting slide and a spatula knife and once it has cooled down it is finished flat with a spatula knife.

For the chemical or cold welding cover the seam with a mask-ing tape or similar to prevent any excess welding liquid coming into contact with the flooring surface. Cut through the tape at the seam using a utility knife. Apply the welding liquid as per the manufacturer's instructions. (Werner Müller GmbH, Frankenthal, www.mueller-pvc-naht.de)
Once the welding liquid has cured, the masking tape can be removed.

For further guidance contact our objectflor Customer Technical Support.

Please also refer to our current list of recommended adhesives and our maintenance guide!

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INSTALLATION INSTRUCTIONS – POLYFLOR TECHNICAL VINYL FLOORING

Safety Vinyl Flooring

POLYSAFE™ MOSAIC PUR

POLYSAFE™ CORONA PUR

POLYSAFE™ STANDARD

POLYSAFE™ ULTIMA

1. GENERAL INFORMATION

When installing POLYSAFE™ floorcoverings always follow current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.
Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer.**
On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms with the parameters set in the relevant national standards.
A smooth, even and absorbent surface is necessary for correct installation of the flooring. If this is not available, it is recommended that a floor smoothing underlayment be applied prior to the laying of vinyl floorcoverings. Porous subfloors must be primed.
In installations where underfloor heating is used, current standards should be followed (EN 1264). Maximum working temperature on the surface of the flooring is 27°C.

3. INSTALLATION OF RESILIENT FLOORCOVERINGS

When installing resilient floorcoverings always follow current standards (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.
To achieve best results, site conditions should be as described in DIN 18365 for Germany (BS 8203 for the UK and as in other relevant national standards). The subfloor must be checked for moisture and should not exceed of 65 % relative humidity is required prior to laying the vinyl.
It is strongly recommended that the floorcoverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.

INSTALLING PVC FLOORING ROLLS

In order to guarantee colour matching within an area, the lengths of flooring must be cut from a single roll. It is recommended that an allowance of at least 75 mm is made for trimming in the manufacturing edges before installation.
A utility knife or seam cutter and/or a cutting machine are used to cut the seams. The lengths are then opened out unilaterally, the adhesive is applied and the lengths are placed in the bed of adhesive.
Adhesive should be applied using a notched trowel as recommended by the adhesive manufacturer, the amount of adhesive that can be spread at any one time is dependent on prevailing site conditions, which can affect the open time of the adhesive. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll with a 68 kgs articulated floor roller, firstly in the short direction, then in the long. In corners and other awkward areas use a hand roller. Roll the area again between one and four hours later.
The adhesive has to have set fully before any traffic on the flooring should be allowed. Always follow the instructions of the adhesive manufacturer.

SEAM WELDING

The seams of the POLYSAFE™ objectflor flooring must be thermally or chemically welded. The welding may not be carried out for at least 24 hours after bonding. In the case of thermal welding prior to welding the material some of the material must be removed from the seam, creating a groove that will accept the weld rod. Two types of groove can be cut.
1) a 'U' shaped which leaves a semi circular groove in the vinyl. This should extend into the vinyl for 2/3 of its thickness upto a maximum of 2.0 mm.
2) a "V" shape which leaves a 60° triangular groove in the vinyl. This should extend into the vinyl for 7/8 of its thickness.
We recommend using a hand welder with a special PU-welding nozzle or automatic welding equipment and a temperature of approximately 200 - 250° C to apply the welding rod. When the welding is finished, the welding rod is cut flush using a trimming tool (e.g. Mozart timming knife).

For further guidance contact our objectflor Customer Technical Support.

Please also refer to our current list of recommended adhesives and our maintenance guide!

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INSTALLATION INSTRUCTIONS – POLYFLOR TECHNICAL VINYL FLOORING

Safety Vinyl Flooring for wet barefoot areas

POLYSAFE™ HYDRO

POLYSAFE™ HYDRO EVOLVE

1. GENERAL INFORMATION

When installing homogeneous floorcoverings always follow current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from **one manufacturer.**

On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defects in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floorcoverings (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. According to the design of the subfloor, pay attention to permissible residual moisture and any subsequent moisture penetration, i.e. seal the floor to prevent moisture penetration (seal off the stone floor).

A smooth, even and absorbent surface is necessary for correct installation of the flooring. If this is not available, it is recommended that a floor smoothing underlayment be applied prior to the laying of vinyl floorcoverings. Porous subfloors must be primed.
In installations where underfloor heating is used, current standards should be followed EN 1264. Maximum working temperature on the surface of the flooring is 27°C.

3. INSTALLATION OF POLYSAFE™ HYDRO AND POLYSAFE™ HYDRO EVOLVE IN WET BAREFOOT AREAS

When installing resilient floorcoverings always follow current standards (VOB, Part C, DIN 18365 in Germany, BS 8203: 2001 in the UK and other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.
To achieve best results, site conditions should be as described in DIN 18365 for Germany (BS 8203 for the UK and as in other relevant national standards).

The subfloor must be checked for moisture and should not exceed of 65 % relative humidity is required prior to laying the vinyl. It is strongly recommended that the floorcoverings and adhesives are stored and conditioned for at least 24 hours in the areas where they are to be installed before laying. Ensure that the site conditions are kept at a constant level while the adhesive achieves full bond strength.
Only reaction resin adhesives may be used.

INSTALLING PVC FLOORING ROLLS

In order to guarantee colour matching within an area, the lengths of flooring must be cut from a single roll. It is recommended that an allowance of at least 75 mm is made for trimming in the manufacturing edges before installation.
A utility knife or seam cutter and/or a cutting machine are used to cut the seams. The lengths are then opened out unilaterally, the adhesive is applied and the lengths are placed in the bed of adhesive.
Adhesive should be applied using a notched trowel as recommended by the adhesive manufacturer, the amount of adhesive that can be spread at any one time is dependent on prevailing site conditions, which can affect the open time of the adhesive. Adhesive manufacturers provide details of the open time and their instructions should be followed. Roll with a 68 kgs articulated floor roller, firstly in the short direction, then in the long. In corners and other awkward areas use a hand roller. Roll the area again between one and four hours later.
The adhesive has to have set fully before any traffic on the flooring should be allowed. Always follow the instructions of the adhesive manufacturer.

SEAM WELDING

The seams of the homogeneous objectflor flooring must be thermally or chemically welded. The welding may not be carried out for at least 24 hours after bonding.
In the case of thermal welding prior to welding the material some of the material must be removed from the seam, creating a groove that will accept the weld rod. Two types of groove can be cut.
1) a 'U' shaped which leaves a semi circular groove in the vinyl. This should extend into the vinyl for 2/3 of its thickness upto a maximum of 2.0 mm.
2) a "V" shape which leaves a 60° triangular groove in the vinyl. This should extend into the vinyl for 7/8 of its thickness.
To apply the welding rod, use a welding gun fitted with a speedweld nozzle. At a temperature of approx. 200 to 250°C, an automatic welding can also be used. Following welding, the welding bead is trimmed using a trimming spatula fitted with a trimming guide. When the weld has cooled the weld is trimmed flat using the trimming spatula only.

For further guidance contact our objectflor Customer Technical Support.

Please also refer to our current list of recommended adhesives and our maintenance guide!

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