

Installation Instruction

Storage of EUROFLEX® Products and adhesive cements

EUROFLEX® products should normally be stored in dry areas at constant temperature above 10°C. If stored below 10°C, store the slabs at the installation site temperature (> 10°C) for at least 2 hours before installation.

Important note: Adhesive cements must be stored at all times in dry locations above 0°C.

To avoid colour variations due to differences in sunlight exposure, leave the UV protection film on the products as supplied until just prior to installation.

Required Tools

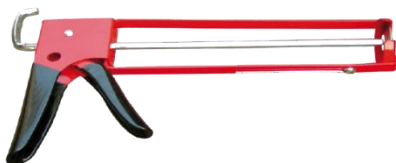
Cut Cutting knife, heavy duty, with replacement blades, hand saw, sabre saw or band saw (with blades for wood), steel straight edge (e.g. carpenters square 600 mm)



Mark Chalk line with refill chalk, felt-tip markers (water –soluble) or chalk, tape measure or meter stick



Gluing Application gun for dispensing adhesive cement, adhesive cement cartridges, work glove, kneepads



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Attention:

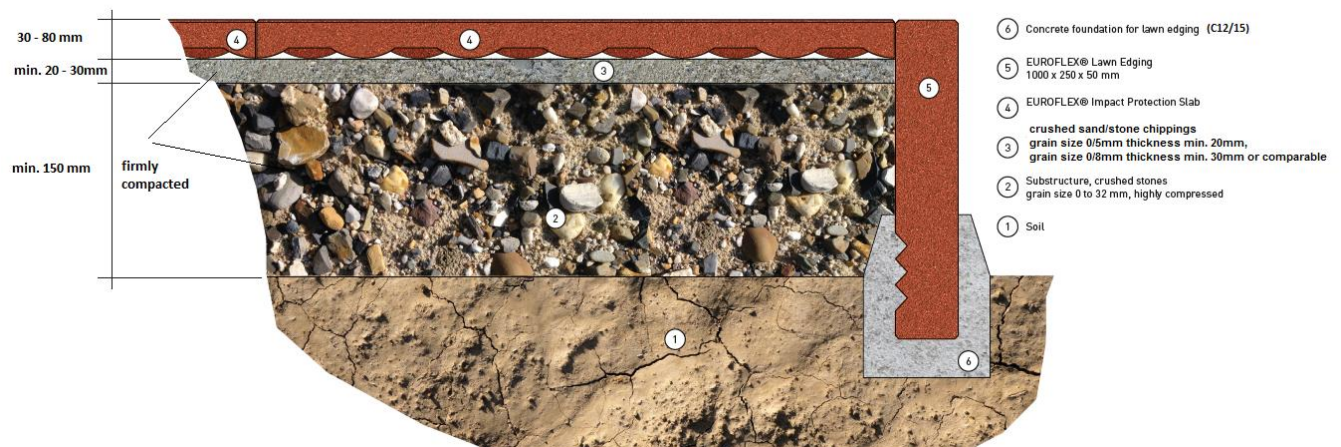
The subbase for indoor installation should be even, flat and dry.

By installation on an already existing subbase should be checked the compatibility.

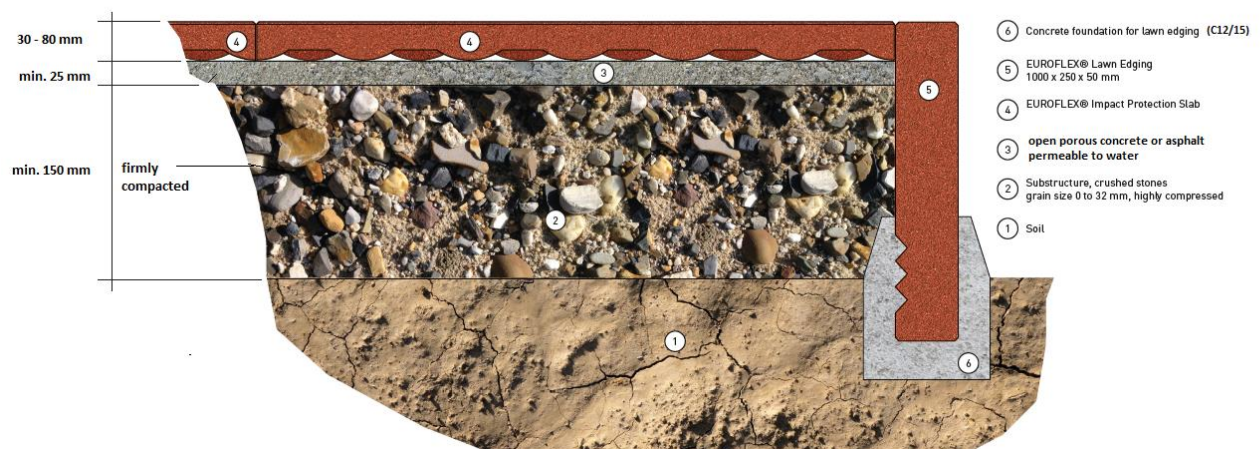
If the subbase material based on PVC migration of plasticizer are possible and unpleasant exhalations.

Preparation Subbase

Unbounded Subgrade



Bounded Subgrade



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Note: The basement is taken off till attended depth plus thickness of the slabs. Through acceptance inspection for the subgrade is recommended for installation the slabs.

For not drainable concrete or asphalt is a down grade of approx. 2% and an adequate take-off drains needful.

Subsurface Design / Acceptance Criteria

EUROFLEX® slabs have excellent drainage properties.

Any depressions greater than 3 mm in depth which can collect water must be levelled off by suitable materials.

Like other elastomeric materials, EUROFLEX® products absorb heat when exposed to direct sunlight. Their surface temperatures can be higher than asphalt surfaces exposed to the same conditions. EUROFLEX® products should be installed and stored in shady areas if possible to avoid overheating.

Preparation of the Subsurface

Proper construction and acceptance inspection of this subsurface before installation is extremely important.

The following instructions must be followed exactly by the contractor carrying out the subsurface preparation and by the EUROFLEX® slab installer in subsequent acceptance inspection. Remove the existing soil to a depth of min 300 mm plus the thickness of the slabs that will be installed.

If no edge trim enclosed is present around the area to be covered, install EUROFLEX® Lawn Edging for safer playing conditions.

EUROFLEX® slabs are elastic products with open pores. Based on optional effects of the weather, as much rain, it is possible that the dimensions change.

Should questions arise regarding soil conditions and characteristics or expected soil behaviour, consult a soil mechanics engineer.

Compact each layer with a vibration compactor to 98% standard Proctor density.

Following application of the final layer, again check levelness, correct uneven spots with suitable material. Paved subsurface such as concrete or asphalt must be absolute even level without any vertical height. The surfaces must be free of cracks, clean and free of oil or other foreign materials.

Regardless of the type of subsurface used; it must not deviate from level by more than 5 mm under a 3 m lathe.



Crushed stones bed stable compacted



Levelling crushed sand/stone chippings

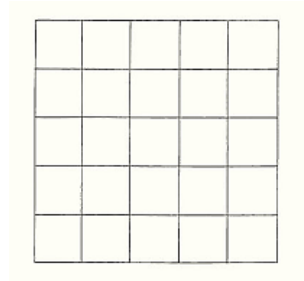


Stable compacting

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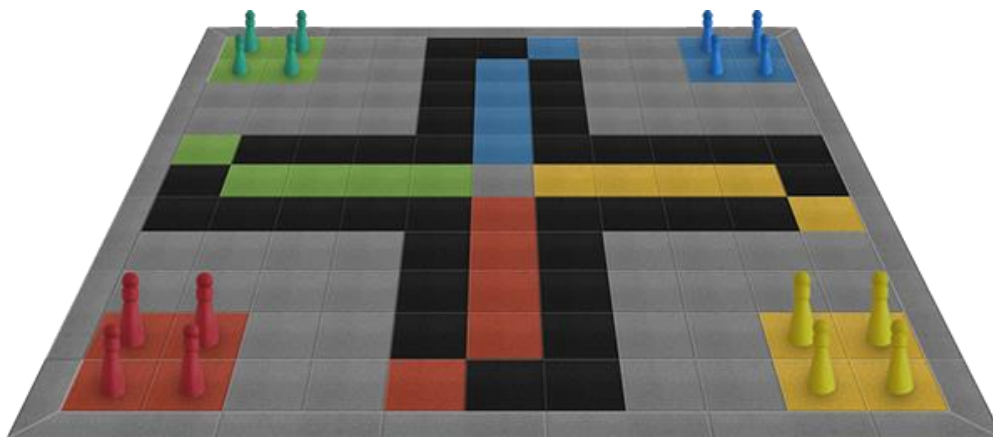
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The tiles are laid in a cross joint pattern according to the corresponding game set pattern.

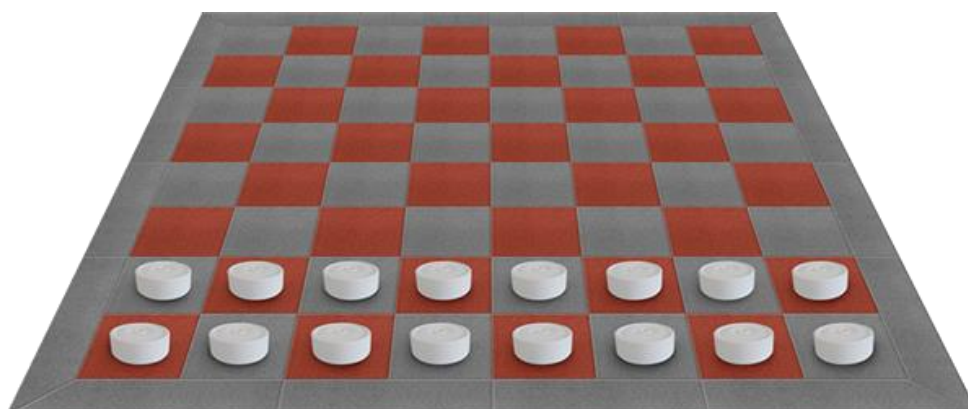


A stable bordering is needful.

Cone game - Catching game



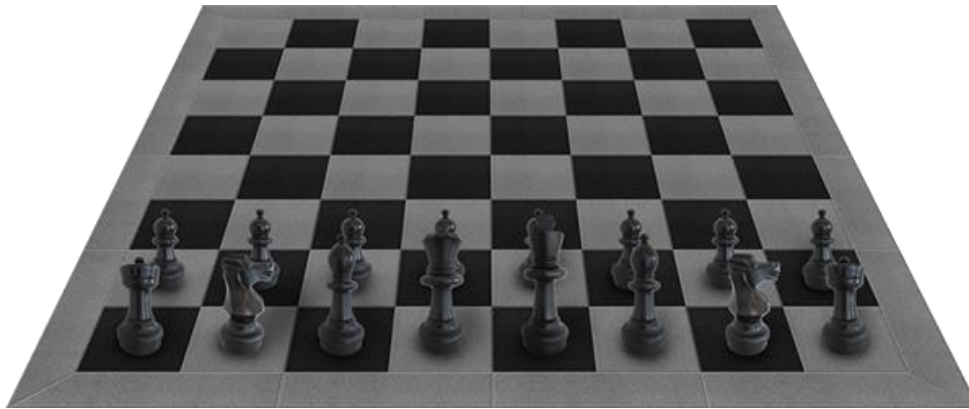
Lady



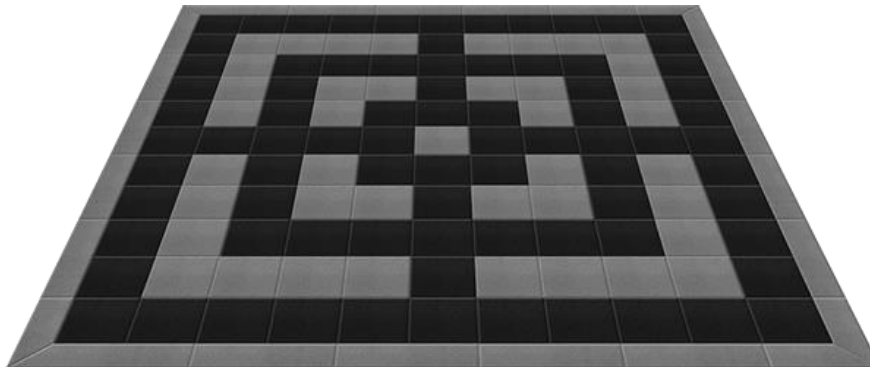
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Chess



Mill



When using edge and corner profiles (bonded substrate), bonding to the substrate and the panels is essential.

Gluing instruction under using EUROFLEX® Edge and Corner profile on bounded subgrade



It is recommended to treat the edge and corner profiles with additional reinforcement relative to the subbase and to securely adhere them to the subbase.

The profile should be affixed to the leading edge of the first row of slabs.

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Required amount of adhesive: 1 cartridge (310 ml) per 3–4 meters of joined joint length.
Adhesive type: elastic, one-component polyurethane adhesive cement, e.g., Ottocoll P 83 and Ottocoll M 500. Preparation: Surfaces must be clean, dry, and free of grease.
Verify adhesion to and compatibility with plastic and painted surfaces prior to installation. Application: Apply adhesive cement from a caulking gun onto the substrate. The required film thickness depends on the materials being joined.
Within 10 minutes, place the upper material in position and apply immediate pressure. Due to the putty-like consistency of the cement, maintain contact pressure until curing is complete.
The required curing time depends on the layer thickness and ambient humidity. Processing temperature: +5°C to +40°C Cured film: after 20 minutes at 23°C Curing time: after 24 hours at 23°C

Maintenance of the Installed EUROFLEX® Surface

Regular cleaning of the installed EUROFLEX® surface helps promote a long service life and an attractive appearance.

EUROFLEX® surfaces may be kept clean by sweeping with a soft-bristle broom or by vacuuming with an industrial vacuum cleaner.

High-pressure water spraying may also be used to clean EUROFLEX® surfaces and provides more efficient removal of dirt from the surface pores of the slabs.

EUROFLEX® slabs are not adversely affected by cleaning with most common household or industrial cleaners when used in accordance with the manufacturer's recommendations.

Light surface stains can be removed with such cleaners using a scrubber or cleaning rag. Depending on usage frequency, EUROFLEX® surfaces will occasionally require deep cleaning procedures to remove dirt, stains, mold, mildew, etc.

These procedures may involve a steam cleaner or power washing, with or without cleaning agents.

Cleaning the gaps between the slabs is very important.

Note: Our EUROFLEX® warranty may be void if the product has not been maintained in accordance with these maintenance instructions.