

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

- Cutting knife, heavy duty, with replacement blades; Steel straight edge

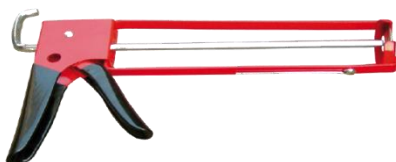


Mark

- Tape measure or meter stick
- Felt-tip markers (water –soluble) or chalk, etc.
- Chalk line with refill chalk



Gluings



Work glove

All information without guarantee, subject to change. The installation instruction is not subject to any change service. Each current and valid from can be recalled at www.kraiburg-relastec.com/euroflex/

Seite 1 von 7

Attention:

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

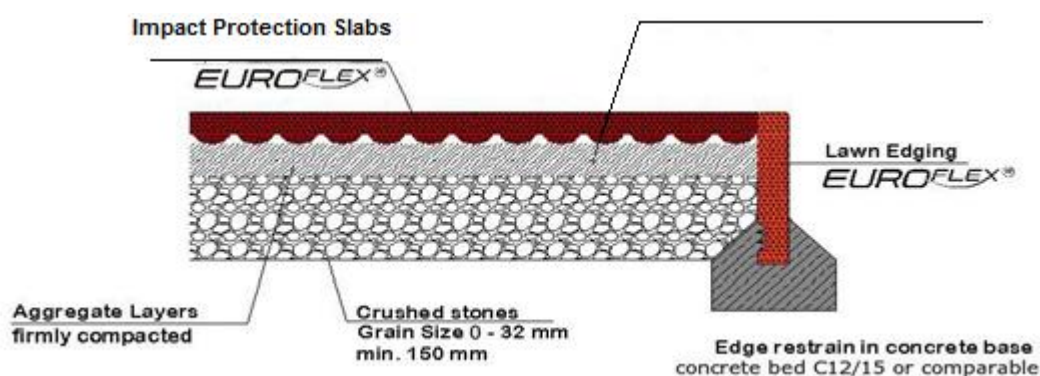
By installation on an already existing subbase should be checked the compatibility.

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

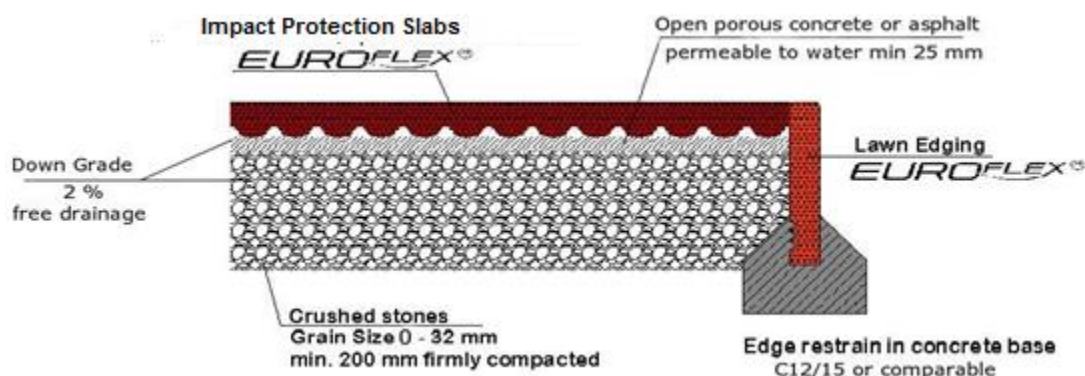
Preparation of Subsurface

Preparation unbounded subgrade

crushed sand/stone chippings
grain size 0/5mm thickness min. 20mm,
grain size 0/8mm thickness min. 30mm or comparable
level by $\leq 5\text{mm}$ under a 3m lathe



Preparation bounded subgrade



As bordering elements for bonded subbase it is also possible to use the EUROFLEX® Lawn edging (please note the complete installation instruction).

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Seite 2 von 7

Subsurface Design / Acceptance Criteria

EUROFLEX® slabs have excellent drainage properties. The subsurface below them must therefore provide sufficient drainage as well. Paved surfaces (such as concrete or asphalt) must be level with a slope of approx. 2% and have adequate takeoff drains. Any depressions greater than 3 mm in depth which can collect water must be leveled 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.

Working Steps unbounded subbase

Crushed stones bed stable compacted



Leveling crushed sand/stone chippings

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Seite 3 von 7



Stable compacting

For ideal installation conditions, the ambient temperature at the site should have been over 4°C for at least 24 hours prior to installation. If the ambient temperature at the site is below 4°C, store the slabs to be installed in a dry area at a temperature of at least 10°C for at least 72 hours prior to installation.

Do not install EUROFLEX® slabs if ambient temperatures below 4°C are expected at the installation site for an extended period of time.

Spread the slabs out on the ground for 2 hours before final installation to permit them to regain their original dimensions.

Install all slabs in a single session to ensure installation under similar conditions.



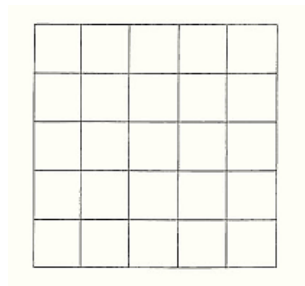
Installation of EUROFLEX® Slabs

Install the first row of EUROFLEX® slabs by placing them precisely along the chalk line. If an existing bordering is present start installation there.

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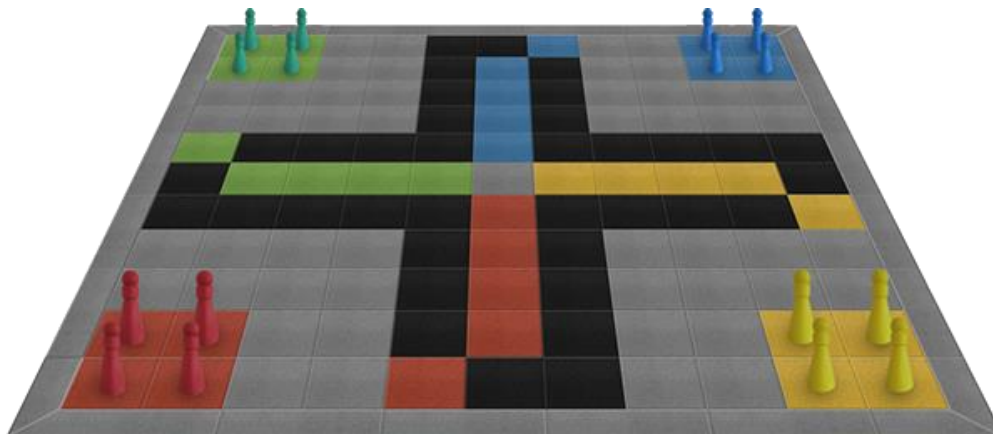
Seite 4 von 7

The installation should be done like the game model shows in cross.

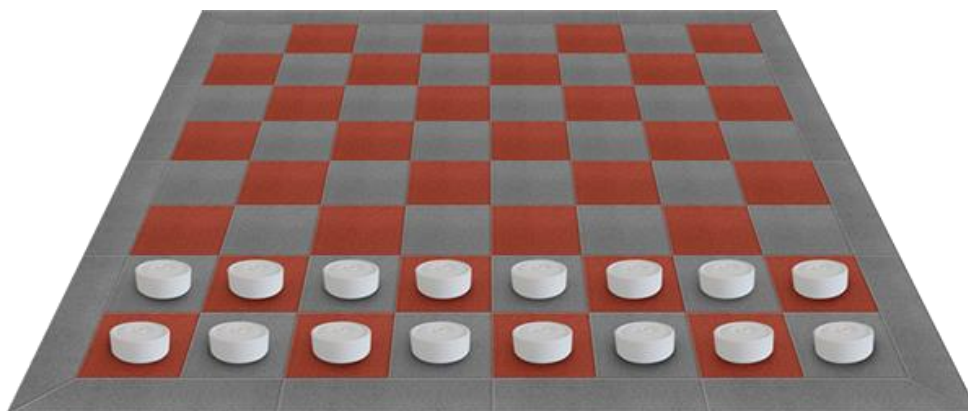


An stable bordering is needful.

Ludo



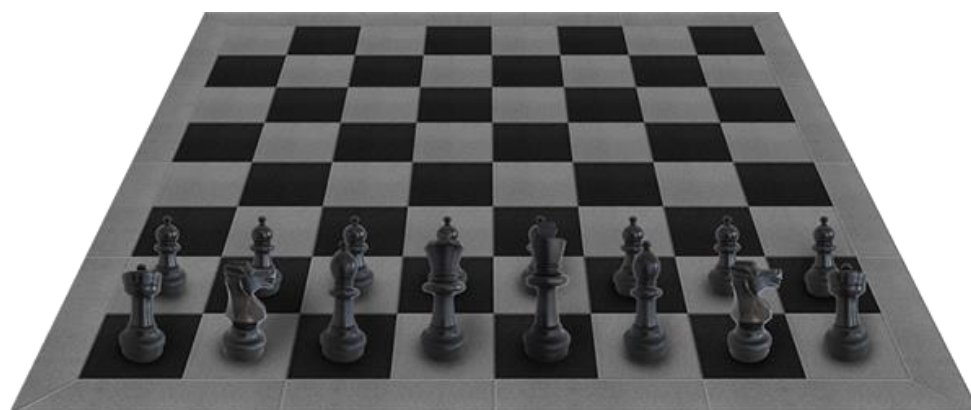
Draughts



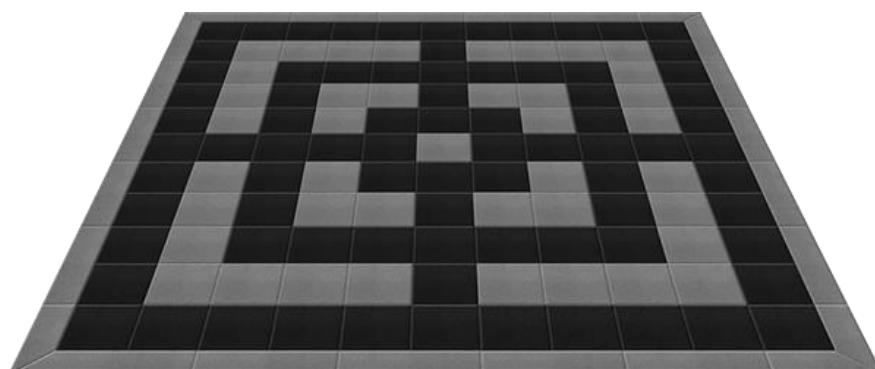
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Seite 5 von 7

Chess



Nine Men's Morris



By using the edge and corner profile for bordering (bonded subbase) gluing with the subbase and with the slabs is needful.

Required quantity of glue: 1 cartridge (310 ml) for every 3 – 4 m of joint length glued.

Type of glue: elastic 1-component polyurethane adhesive cement e.g. Ottocoll P 83 and Ottocoll m 500 (Otto Chemie, Fridolfing/Germany, Tel.+49 (0)8684 – 908-0, Other purchasing sources: specialist retailers or your nearest KRAIBURG representative.

Preparation: The surfaces must be clean, dry and free of grease. Check adhesion to and compatibility with plastic and painted surfaces before installation.

Gluing: Apply adhesive cement from application pistol onto the substrate. The required layer thickness is dependent on the materials being joined. Within 10 minutes, put the upper material in place and apply contact pressure. Due to the pasty consistency of the cement, we recommend maintaining contact pressure until curing is complete. The required curing time is dependent on the layer thickness and the humidity of the ambient air.

Processing temperature: + 5°C until +40°C

Film after 20 min at 23°C

Curing time after 24 h at 23°C

Primer for absorbent subgrade: Designed to improve adhesion on minerals materials e.g. porous concrete is grounding recommended. e.g. OTTO primer 1225 for glue Ottocoll P 83 and M 500; for asphalt use OTTO Primer 1216 and Ottocoll P83

Form of delivery: Bottle 100 ml, 250 ml, 500 ml, 1000 ml

Application: Apply OTTO Primer smooth with a brush.

Maintenance of the Installed EUROFLEX® Surface

Regular cleaning of your installed EUROFLEX® surface will promote a long useful life as well as attractive appearance. EUROFLEX® surfaces can be kept clean by sweeping with a soft-bristled broom or vacuuming with an industrial vacuum cleaner. High pressure water spraying can also be used to clean EUROFLEX® surfaces and provides more efficient dirt removal from the surface pores of the slabs.

EUROFLEX® slabs are not adversely affected by cleaning with most common household or industrial cleaners when diluted in accordance with manufacturer's recommendations. Light surface stains can be removed with such cleaners using a scrubber or a cleaning rag.

Depending on the frequency of use, EUROFLEX® surfaces will occasionally need deep cleaning procedures to remove dirt, stains, mold and mildew, etc. These procedures utilize a steam cleaner or power washing with or without the use of cleaning agents. Cleaning the gaps between the slabs is very important.

Please note: Out EUROFLEX® warranty is not applicable if the product has not been maintained in accordance to out maintenance instructions above.