

## INSTALLATION RECOMMENDATIONS

### Prior to Installation:

The subsurface for indoor and outdoor installation should be even, flat and dry. In case of installation on an already existing subbase, the compatibility should be checked prior to installation.

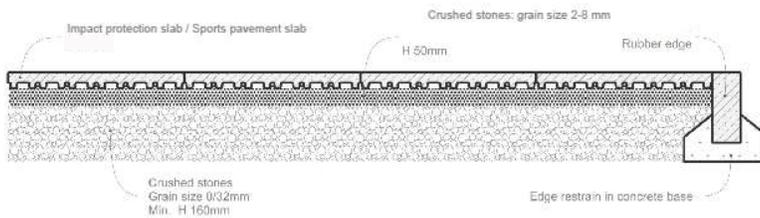
Rubber tiles can contract and expand slightly with temperature and humidity variations. It is important for the product and adhesives to be stored in clean, dry environment at the temperature above 10°C. If stored below 10°C, the rubber tiles and adhesives should be acclimated at the installation site temperature above 10°C for at least 2 hours before installation.

Do not store Safefloor product in direct sunlight without black UV protection film.

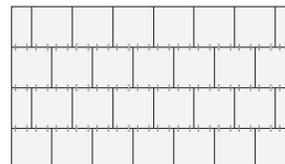
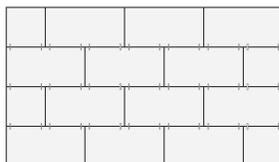
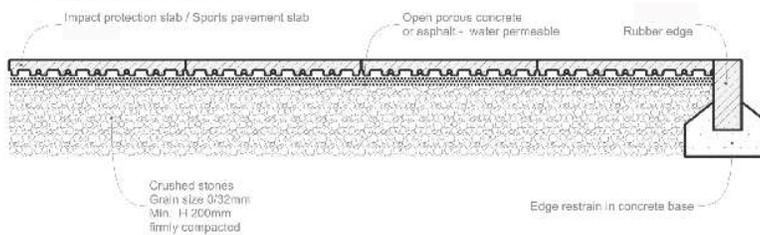
### Recommended Installation Tools:

- Steel straight edge
- Cutting knife, heavy duty, with replacement blades
- Measuring Tape or meter stick
- Felt-tip markers (water –soluble) or chalk, etc.
- Hand saw, sabre saw or band saw (with blades for wood)
- Cleaning agent Brenntag Ascal 115 (NEW) (M379) or analogue

Preparation unbounded subgrade



Preparation bounded subgrade



/Correct installation of tiles with plastic pins/

### **Subsurface Requirements**

Thorough acceptance inspection of the subgrade is strongly recommended for the slabs installation.

Note: Especially for installation of children playground tiles, it must be taken into consideration that the subgrade can absorb the water. The edge trim for the tiles must be flexible like the Safefloor rubber edging.

All sub surfaces should be properly excavated and installed to insure:

1. Subsurface drainage.
2. Non-separation of concrete layers.
3. Prevention of heaving due to freeze/thaw or unstable ground conditions.

The stabilization of the subsurface is the sole responsibility of the installer and/or owner.

Safefloor tiles have excellent drainage properties. Subsurface installation should assure good drainage of the area as well by either a well-defined gradient of the surface or well-placed drainage pipe in lower spots of the installation.

When exposed to direct sunlight the surface temperatures of Safefloor can be higher than asphalt surfaces exposed to the same conditions, as rubber products absorb heat. To avoid if possible overheating, RUBRIG products should be installed and stored in shady areas.

### **Preparation of the Subsurface**

We strongly recommends to carry out the acceptance inspection of the subsurface before Safefloor products installation. The contractor must exactly follow the instructions given below.

Excavate the existing soil to a depth of min 300 mm plus the thickness of the tiles planned for installation.

If no edge trim enclosed is present around the area to be covered, install Safefloor rubber edge for safer playing conditions.

Safefloor tiles are elastic products with open pores. It is possible that the product dimensions can change due to the changes of the weather conditions.

In case of questions regarding soil conditions and characteristics or expected soil behavior, consult a soil mechanics engineer.

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

Check levelness again after application of the final layer, correct uneven spots with suitable material.

All sub surfaces must be flat, level, clean, and dry before installation.

Concrete and asphalt surfaces should be free from cracks, paint, dirt, oil or other surface contamination.

Assure good drainage of the area by either a well-defined gradient of the surface or well-placed drainage pipe in lower spots of the area.

### **After installation**

After installation of Safefloor products, the surface should be cleaned with Brenntag Ascal 115 (NEW) (M379) or analogue product to remove small remains of technical grease used in the production.