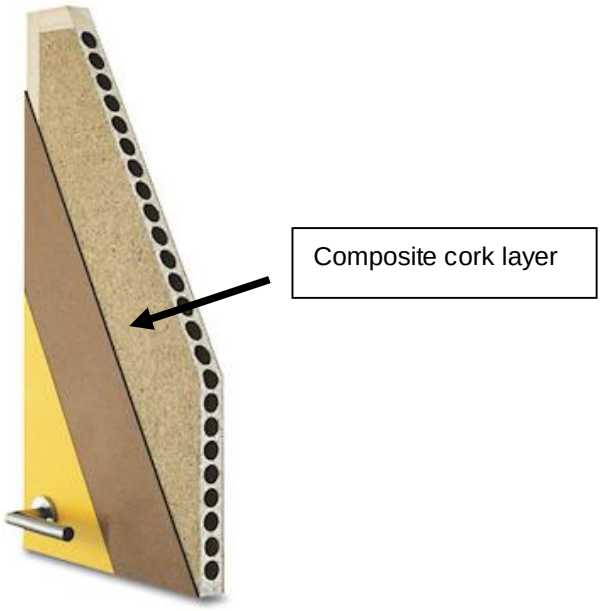
Overview products Recticel GuKoTech

Composite cork (cork granules with PU bonding)

Available format: rolls and sheets
Thickness: starting from 2mm up to max. 10mm (attention: surface will be rough starting from around 8mm thickness due to cutting process)

- **Pinboards**
  Thickness usually 3-6mm, composite cork is glued to a carrier material

- **Noise insulation and thermal insulation for door panels**
  Mostly used for door panels are sheets with thickness of 3mm, whereas the cork is glued on both sides of the panel underneath the veneer made of MDF.
  Thus noise insulation and thermal insulation is obtained. Additional to that, composite cork provides additional fire protection due to the high ignition temperature of cork.



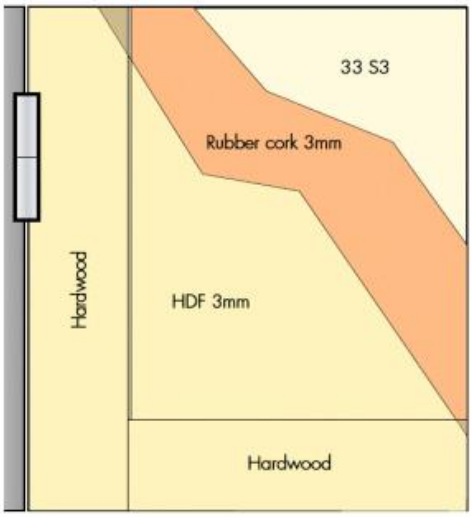
- **Spacer for glass and furniture industry**
  Composite cork is laminated to one side with PVC foam and works as a substitution of adhesive. Spacers are cut (e.g. 20x20mm) from this material and used for protection of damageable elements during transport Without these spacers, in case of vibration, hard dust particles may cause scratches on the surfaces of glass or furniture elements that are in close contact to each other.

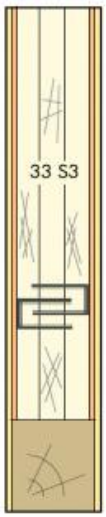
- **Impact noise insulation for parquet, laminate and linoleum floors**
  Material on rolls in thickness 2, 3 and 5mm is installed below floor coverings as noise insulation and thermal insulation (loose or glued). Composite cork is a good thermal insulator due to it's cell structure. Unfortunately in Germany there is mainly sold very cheap imported composite cork with poor quality.

Cork/rubber composites (cork granules and rubber granules with PU bonding)

Available format: rolls and sheets
thickness: starting from 2,0 mm up to max 15 mm

- **Noise ins**
  Mostly use
  composite
  Thus an e





hereas the cork/rubber
eer made of MDF.

- **Impact noise insulation for parquet and laminate floors**
  Material on rolls in thickness 2, 3 and 5mm is installed below floor coverings as noise insulation and thermal insulation (loose, floating or glued). Due to higher density compared to composite cork, impact noise insulation is improved. Disadvantage of the GuKoTech products: as we are using rubber granules from used tyres, migration of plasticizers cannot be avoided.

- **Insulation elements for raised floors**
  For the construction of raised floors, the accessible floor is installed onto metal pillars.
  For noise insulation reasons, on top these pillars are equipped with a pad made of cork/rubber composite

Rubber composites (rubber granules with PU bonding)

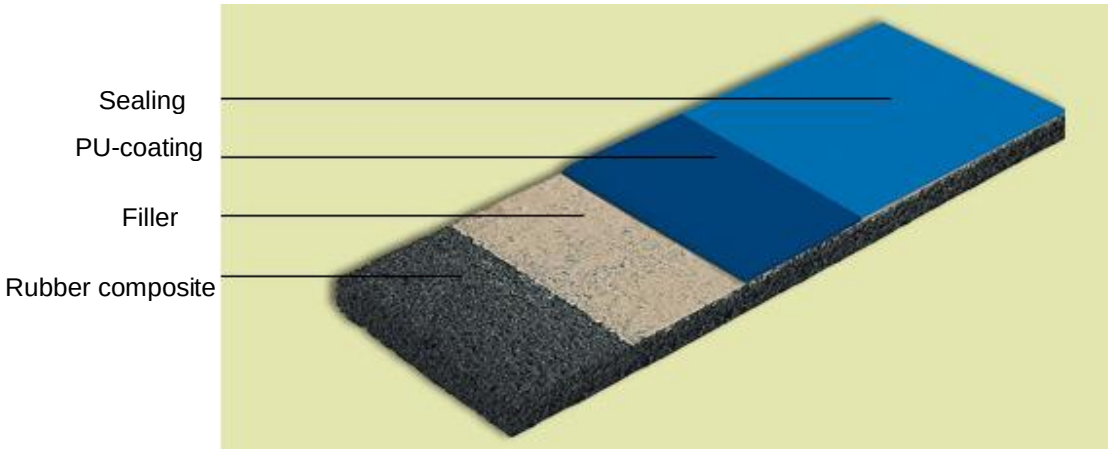
Available format: rolls and sheets
thickness: starting from 2,0 mm up to max 15 mm (in future possibly 20mm)

- **Impact noise insulation for parquet, laminate and stone floors**
  Rolls material with a thickness up to 10mm is installed below floors for impact noise insulation (loose, floating or glued)
  Due to the high density impact noise reduction is excellent.

- **Building protection mats**
  In building industry rubber composites are installed for insulation and protection against damages of buildings (underground car parks, flat roofs). Main thicknesses are 6, 8 and 10mm.
  Some of our competitors providing rubber composites with a dimpled shape (for drainage).
  Unfortunately we don't have the suitable machinery for that.



- **Sports**
  Rubber composites are also used as shock pads for indoor and outdoor application.
  Indoor: rubber composite rolls (thickness 3-6mm) is coated with a PU resin or glued with Linoleum or PVC



Outdoor: rubber composites are used as shock pads for artificial turf

- **Rubber composites as floor covering in fitness centres and indoor playgrounds**
  By mixing colored EPDM granules into the black rubber matrix a lively structure can be obtained This material is installed in indoor playgrounds and fitness centres. After installation and sealing these floor can be stressed strongly and are easy to clean.

Erich Renke/Marcus Ehrentreich, 22/03/2010