

SUB-BASE TYPES & DETAILS

Concrete Surfaces:

Concrete surfaces must be thoroughly cured and free from hydrostatic pressure before installing SurfaceMax tiles (28 days after pour). All surfaces should be flat, level, clean, and dry before applying adhesive for installation. The concrete finish should be reasonably smooth to reduce the amount of adhesive required. Concrete surface should be free from paint, dirt, oil, or other surface contamination before applying SurfaceMax adhesive. Any separation of concrete layers, heaving, etc. is the sole responsibility of the installer and/or owner. 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

Asphalt Sub Surface:

Asphalt sub surface must be hard, level, and free of grease, oil, and other contaminants. Avoid installation on new asphalt until surface oil has had time to dissipate (30 days) and drainage can be evaluated. Any separation of asphalt or blacktop layers, heaving etc. is the sole responsibility of the installer and/or owner. Insure 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.

Crushed Gravel / Geotextile Sub Surface:

Compacted gravel surfaces are the sole responsibility of the installer/owner to provide a stable compacted sub surface with proper drainage. Standard sub surface of 6" minimum medium to coarse crushed gravel (3/8" minus) moisten and compacted to 95% proctor. A 1/4" graded medium sand compacted should be used to smooth the surface. A geotextile filter cloth is then put over the top of the compacted surface. A 12" overlap on all joints is required. Secure joints with duct tape or mono compound adhesive.

The installation should be recessed the depth of the tile plus a minimum 4" of compacted gravel as described above. An edging of concrete around the perimeter is recommended to contain tiles to play area. The tiles should then be glued to the geotextile cover fabric, by applying SurfaceMax adhesive to both geotextile and tile base. Follow the instructions as outlined in the SurfaceMax installation instructions. For crushed gravel/geotextile sub surface please call your distributor for further details as required.

SITE PREPARATION AND REQUIREMENTS

SubSurface Requirements:

SurfaceMax tiles may be applied to concrete, asphalt, wood, and compacted crushed

gravel/geotextile overlay sub surfaces. All sub surfaces should be properly excavated and applied to insure:

1. Sub surface drainage.
2. Non-Separation of concrete layers.
3. Prevention of Heaving due to freeze/thaw or unstable ground conditions.

The stabilization of the sub surface is the sole responsibility of the installer and/or owner. Sub surface installation should 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 installation. The SurfaceMax tiles shall be adhered to the concrete, asphalt, geotextile or wood surface using SurfaceMax adhesive following the installation instructions for glue down installations. Your distributor should be contacted regarding the best application conditions for your installation.