



Natural stone paver (setts) surfacing.

Photo Source: Golder Associates Inc.



Natural stone paver (cobblestone) surfacing.

Photo Source: Golder Associates Inc.



Porous unit paver surfacing.

Photo Source: City of
Portland, OR

Traffic Range:

Typical AADT < 200. Porous unit pavers are normally limited to low speed traffic applications with speeds less than about 30 km/hr (20 mph). They are frequently used for overflow or temporary parking applications.

Life Expectancy:

20 to 25 years.

Unit Price:

Material & Installation: \$36 to \$48/m² (\$30 to \$40/yd²) for porous unit pavers. Unit price does not include permeable base layer.

Appearance:

Porous unit pavers are available in numerous shapes and natural colors and can be placed in various patterns.

Advantages:

Allows surface water infiltration; Decorative surface pattern possible; Supports grass growth.

Limitations:

Limited to low volume, low speed applications. Not typically used for heavy traffic loads except for emergency vehicle access.

Product Description: Porous unit pavers are accurately dimensioned dense concrete or high strength plastic products that fit together to form a road surfacing. They have an interlocking geometry that results in regular void spacing. When the voids are filled with sand, they allow good stormwater infiltration while maintaining a driveable surface.



Porous concrete unit paver placement.

Photo Source: City of Portland, OR



Porous unit paver surfacing.

Photo Source: UNIGROUP-U.S.A.



Concrete unit paver surfacing.

Photo Courtesy of: Golder Associates Inc.

Traffic Range:

No limitations on traffic volume. Unit pavers are normally limited to traffic applications with speeds less than about 80 km/hr (50 mph).

Life Expectancy:

20 to 40 years.

Unit Price:

Material & Installation: \$36 to \$48/m² (\$30 to \$40/yd²), including leveling sand.

Appearance:

Unit pavers are available in numerous shapes and natural colors and can be placed in various patterns.

Advantages:

Can accommodate heavy traffic loads; Applicable to higher speed applications than other unit surfacings; Durable in all climatic conditions.

Limitations:

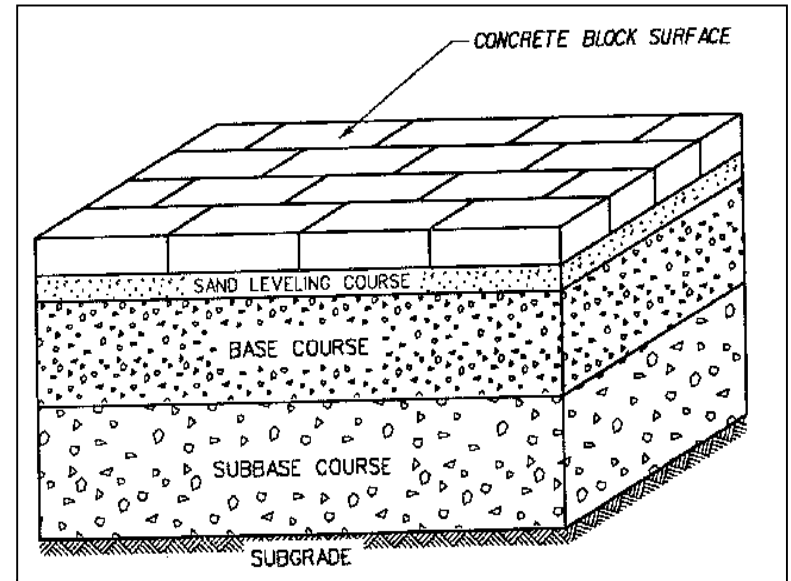
Can become unsightly if not properly maintained.

Product Description: Unit pavers are accurately dimensioned dense and durable concrete products that fit together to form a road surfacing. Unit pavers are typically supported on a layer of bedding sand, which is also used to fill the spaces between the pavers. Concrete pavers are available in a range of sizes and colors.



PCC paver surfacing.

Photo Source: Golder Associates Inc.



PCC paver surfacing schematic.

Photo Source: UNIGROUP-USA