

PORPLASTIC *RedClay*

tennis court with clay-feeling for OUTDOOR and INDOOR

SYSTEM LAYERS

Lining:

PVC Tennis lines, white, 5 cm

top layer:

PORPLASTIC RedClay Top / RedClay PUR slide (clay sand)

Base layer:

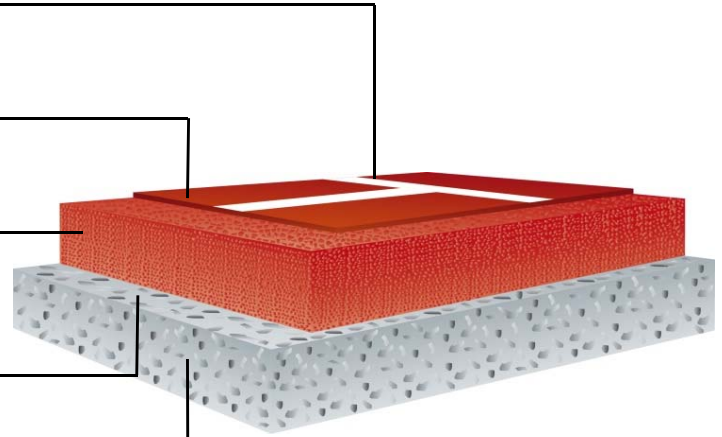
binder PORPLASTIC T772 with
PORPLASTIC RedClay basic (clay chippings 4-8 mm)

Decoupling layer (for asphalt, concrete):

binder PORPLASTIC T772
broadcast with SBR-rubber granules 1-8 mm

Sub base (level, stable)

-bound sub base
-unbound sub base
-existing classic clay court, artificial turf,
hard court, carpet etc.



SYSTEM DESCRIPTION

- optical / playing properties like watered / classic clay court
 - equal ball reflection
 - easy on joints and ligaments, avoids injuries
 - excellent sliding properties
 - exceptional durability, ideal for renovation
 - on-site-installation → leveling of sub base unevenness
- OUTDOOR: total system thickness ca. 30 mm
- playable all year
 - low maintenance, no foot holes
 - winter resistant lines, frost proof
 - water-permeable, playable immediately after rain
- INDOOR: Total system thickness ca. 25 mm
- no irrigation needed
 - permanent humidity due to PUR slide-top layer
 - no need for indoor shoes, odourless

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APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	thickness	application
Top layer	Outdoor: PORPLASTIC RedClay Top	ca. 4 – 4.8	Outdoor: 0 – 2 mm	broadcast homogeneously
	Indoor: PORPLASTIC RedClay PUR slide	ca. 4	Indoor: 0 – 1 mm	
PVC line	PCV Lines with binder : PORPLASTIC T772			milling for line marking
Base layer	binder PORPLASTIC T772 (8-10% on dry material)	O: 2.9 – 3.8 I: 2.5 – 3.4	Outdoor: 30 mm	paver
	PORPLASTIC RedClay basic (clay chippings 4–8 mm)	O: 36 - 38 I: 32 – 34	Indoor: 25 mm	
Decoupling layer for asphalt, concrete	binder PORPLASTIC T772	0.5 – 0.8	12 – 15 mm	roll or spray
	SBR rubber granules 1–8 mm	1.3 – 1.6		broadcast



FIELDS OF APPLICATION

- indoor /outdoor tennis halls
- tennis courts in air-halls
- ideal for renovation
- wheelchair tennis
- multi-purpose halls / multi sports fields
- ideal for renovation



SUB BASE

Sub base	treatment
unbound sub base	level, stable, water-permeable, according to DIN 18035-5 or rules for tennis courts.
bound sub base	<p><u>Outdoor:</u> Perforate with holes (12 mm thickness, 4 holes per m²), apply Decoupling layer (12-15 mm) with PORPLASTIC T772 and broadcast SBR rubber granules 1-8 mm after curing (24 hours) excess rubber granules must be removed</p> <p><u>Indoor:</u> Apply binder PORPLASTIC T772 and broadcast SBR rubber granules 1-8 mm, after curing (24 hours) excess rubber granules must be removed</p>
artificial turf with infill	Distribute old rubber infill homogeneously, add mineral sand 0-2 mm as decoupling layer consumption approx. 1.5 t/ courts
Carpet, artificial turf without infill	add mineral sand 0-2 mm as decoupling layer consumption approx. 1.5 t/ courts
Clay court	Remove top clay layer (approx. 2 – 6 cm), apply new level sub base according to relevant standards

Remark: for further information please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore no liability claims can be derived from the system data sheet. As all PORPLASTIC data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.porplastic.com or contact us directly). **Date of issue: March 2017**– all technical information is subject to change without prior notice