

## PORPLASTIC *RedClay pro*

tennis court with clay-feeling, all weather for OUTDOOR or dust-free for INDOOR

### SYSTEM LAYERS

#### Lining:

PVC Tennis lines, white, 5 cm

#### Top layer

PORPLASTIC RedClay Top / RedClay PUR slide (clay sand)

#### Base layer:

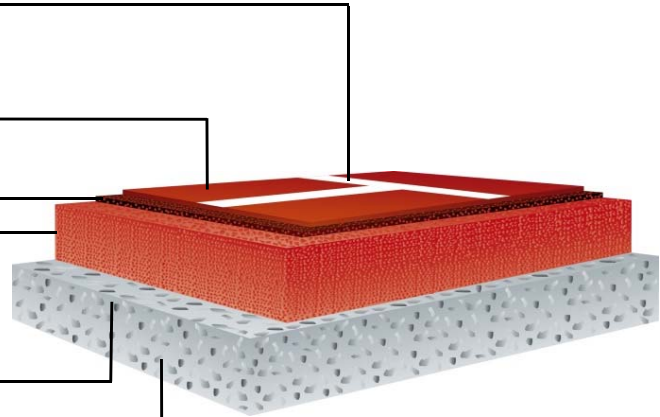
binder PORPLASTIC T772 with  
PORPLASTIC RedClay basic (clay chippings) and SBR  
broadcast with red quartz sand

#### 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

- ITF classified court pace: category 1 – slow
  - 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: 30 mm
- playable all year
  - low maintenance, no foot holes
  - water-permeable, playable immediately after rain
  - winter resistant lines, frost proof
- INDOOR: total system thickness: 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 <sup>2</sup> )	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 chippings and SBR	O: 36 - 38 I: 32 – 34	Indoor: 25 mm	
	broadcast with red quartz sand	1- 1.2		
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

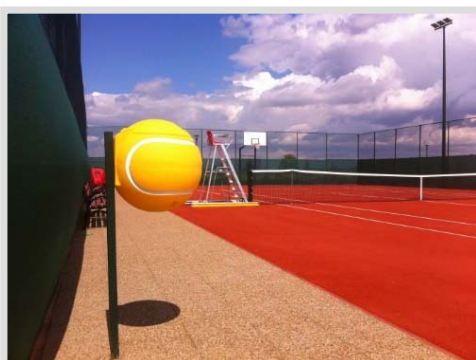


### FIELDS OF APPLICATION

- 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.  <u>Outdoor:</u> Perforate with holes (12 mm thickness, 4 holes per m <sup>2</sup> ), 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 <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
bound sub base	
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](http://www.porplastic.com) or contact us directly). **Date of issue: March 2017** – all technical information is subject to change without prior notice