

Claycourt surface guide: *KISSS Italian clay court*



Court surface

Italian Clay - Terre Davis

KISSS Tennis Court Watering System

Material profile

The court surface is manufactured in Italy from crushed and graded clay bricks, tiles and raw clay. It has two parts:

1. Sotto Manto – 40mm deep base layer
2. Sotto Manto Finale – Orange coloured powder spread on the court surface

The court is watered automatically from beneath the surface by the Australian developed KISSS Tennis Court Watering System. Water is supplied to the court through a network of irrigation lines arranged in 4 independently controlled zones. The system is installed under the court surface in a layer of media that has been designed to store and uniformly disperse water. Sensors in the court monitor moisture in the playing surface and regulate the supply of water. Court conditions are visible and can be controlled remotely via the web using a PC, iPad or smart phone.



Claycourt surface guide: **KISSS Italian clay court**



Research Undertaken

- 2 Years – IWT – Irrigation & Water Technologies
- Test patches Rouse Hill Sydney
- Test court Macquarie University Sydney

Playing characteristics

- Court surface promotes long rallies
- Higher bounce
- Responsive to spin (topspin /slice)
- Good traction allows confident sliding
- Fast draining and playable when wet

Maintenance requirements

- Bagging and line sweeping
- Sotto Manto Finale spread as required
- No surface watering. Watering is fully automated and can be done when court is in use.
- Reduced maintenance due to the surface being resistant to cracking and breaking up.

Contact details

Irrigation & Water Technologies
Geoff Cresswell

p: +61 1300 761 781

e: geoff.cresswell@iwtech.com.au

w: www.kiss.com.au

w: www.iwtech.com.au