


ADVANCED MATERIALS AND PRODUCTS

CONTACTS

Luc Henrietier (Engº)
(E) luc@ctcv.pt
(M) +351 963392975
(T) +351 239499200-523
(F) +351 239499204

CTCV Centro Tecnológico da Cerâmica e do Vidro

iParque
Parque Tecnológico de Coimbra
Lote 7
Antanho
3040 - 540 Coimbra



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Test method for self-cleaning performance of photocatalytic ceramic materials

www.ctcv.pt

TEST

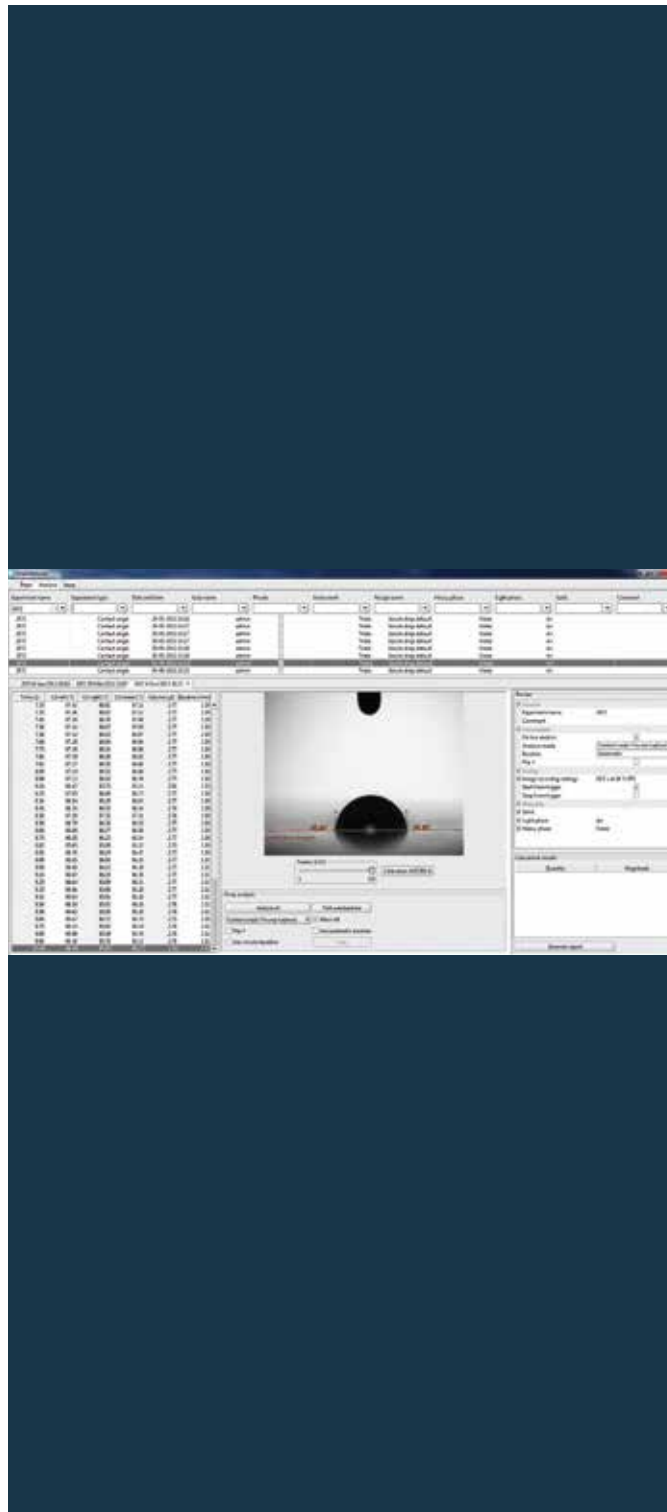
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Self-cleaning performance of photocatalytic materials by measurement of water surface angle (ISO 27448:2009)



Evaluation of photocatalytic activity of surfaces by measurement of water contact angle of UV-irradiated surfaces.

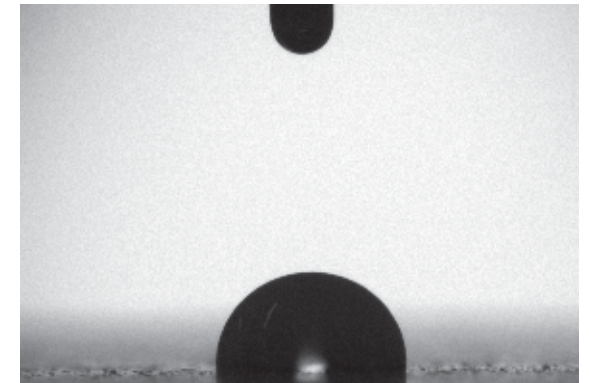
Wettability, Surface tension, Interfacial tension, Surface free energy, Surface heterogeneity, Interfacial rheology.



APPLICATIONS

ADVANCED MATERIALS AND PRODUCTS

- Ceramic floor and wall tiles
- Non-porous ceramic materials
- Cement and concrete



- Glass
- Paints
- Plastics