



# TECHNICAL

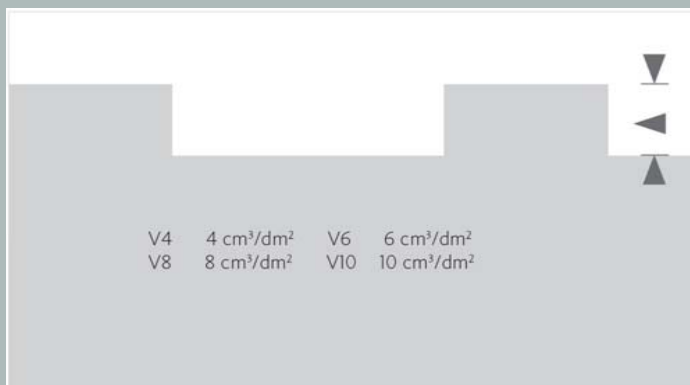
## SHOE SHOD SLIP-RESISTANCE CLASSIFICATION – DIN 5130



NB: the R9 rating covers a broad category or slip resistance, from very slippery to moderate slip-resistance. R9 rate products may not be suitable for environments that demand a higher level of slip-resistance.

## DISPLACEMENT VOLUME

The Displacement volume of a tile is given by a V value. The V value indicates the amount of liquid that the surface of a tile can hold while still maintaining frictional contact with a shoe. This is achieved by having higher profile sections of the tile to maintain the friction. These tiles should be considered in areas where there is a very high chance of the floor surface becoming contaminated.



## WEAR RESISTANCE – PEI

The PEI rating is a classification that has been set up to rate the surface of a tiles' resistance to abrasion. It gives an indication to the specifier as to the suitability of the tile in a variety of environments. The level of traffic should be taken in to account when specifying a PEI rated floor tile.

PEI Rating and Environments are:

- PEI 1 – Very Low Wear – wall use only
- PEI 2 – Low Wear – low residential traffic
- PEI 3 – Average Wear – all residential, medium commercial
- PEI 4 – High Wear – heavy commercial
- PEI 5 – Very High Wear – very heavy commercial

## REGULATIONS

All tile products are tested and fully compliant with the BS EN 14411:2006 regulations which cover the standards of manufacture of ceramic tiles. For more details on the regulations and technical issues please contact the CP Contracts Sales team.