

Acrylicon Pendulum Slip Test Results

Carried out by HSE Sheffield and Slip Resistance Group UK

<u>Floor Type</u>	Dry CoF/PTV	Wet CoF/PTV	Contaminated CoF/PTV	Rtm Roughness
Acrylicon Décor	75	35	16	16
Acrylicon Décor Plus (F36 Alu-Oxide)	78	66	46	35
Acrylicon Décor Plus (F60 Alu-Oxide)	67	56	33	14
Acrylicon Décor Plus Full Broadcast	66	57	44	21
Acrylicon Décor Plus Full Broadcast Small	75	68	48	30
Acrylicon Variant	71	17	-	6
Acrylicon Variant Plus F36 Alu-Oxide	68	61	-	9
Acrylicon Flake	71	17	-	6
Acrylicon Flake Plus F36 Alu-Oxide	68	61	-	9

Minimum values

Guidelines taken from UK Slip Resistance Group Guidelines (UKSRG)

CoF – 36 or more with consideration to contamination likely to occur.

Rtm – 20um with clean water, >70um with Margarine.

Explanation

All measurement of Coefficient of Friction (CoF) and Pendulum Test Value (PTV) carried out by the Pendulum slip resistance test meter using the “Four S” type 96 slider. All tests carried out by Slip Resistance Group UK except for the Variant and Flake Systems which were carried out by HSE Sheffield.

Using this method on a dry or wet surface, values of 36 or more (equivalent to a CoF of 0.36) are currently accepted to indicate satisfactory slip resistance. For systems that are to be used in food prep areas further tests are carried out after contamination of the test surface (in this case margarine). This allows an insight into the actual CoF experienced in everyday working situations. Further details may be found in the UKSRG Guidelines.

Rtm roughness is a measure of total surface roughness which is required to penetrate squeeze films of differing viscosities sufficiently enough to allow ‘satisfactory’ CoF values.