



Paint and Material Setting Difficulty Variances

Imperial:

Parameter	Product	Ideal	Difficulty Tolerance (±)		
			Easy	Normal	Hard
Angle	Paint, Powder	Perpendicular to part	40°	30°	20°
	Blast	30° off perpendicular	150% (45° for defaults)	100% (30° for defaults)	75% (22.5° for defaults)
Distance	Paint, Blast, Powder	See Default Paints	3.5"	2.5"	1.5"
Speed	Paint, Blast, Powder	Slow: 1.2 ft/s, Normal: 1.5 ft/s, Fast: 1.8 ft/s	1 ft/s	0.75 ft/s	0.5 ft/s

For example, on Medium difficulty, the normal speed is 1.5ft/s, +/- 0.75 ft/s. I.e., 0.75 ft/s - 2.25 ft/s is acceptable.



Paint and Material Setting Difficulty Variances

Metric:

Parameter	Product	Ideal	Difficulty Tolerance (\pm)		
			Easy	Normal	Hard
Angle	Paint, Powder	Perpendicular to part	40°	30°	20°
	Blast	30° off perpendicular	150% (45° for defaults)	100% (30° for defaults)	75% (22.5° for defaults)
Distance	Paint, Blast, Powder	See Default Paints	8.9 cm	6.4 cm	3.8 cm
Speed	Paint, Blast, Powder	Slow: 37 cm/s, Normal: 46 cm/s, Fast: 55 cm/s	30 cm/s	23 cm/s	15 cm/s

For example, on Medium difficulty, the normal speed is 46cm/s, +/- 23cm/s. I.e., 23 cm/s to 69 cm/s is acceptable.