

AAA SPRAY EQUIPMENT - AQUATOP VIRTÀ - PUMP & GUN OPERATING PARAMETERS APPLICATION GUIDELINES

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Technical
Library

Coating
Guide

Version 3
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PRODUCT	AQUAPRIMER 2900		ANTISTAIN AQUA 2901 & ANTISTAIN AQUA 5200		AQUATOP VIRTÀ	
	COMPRESSED AIR FEED PRESSURE 90 - 100 PSI					
	PUMP OPERATING PARAMETERS					
RECOMMENDED PAINT FLUID DELIVERY PRESSURE	850 - 1,000 PSI		1,400-1,500 PSI		1,100 PSI	
PUMP PRESSURE SETTINGS	PSI	BAR	PSI	BAR	PSI	BAR
RATIO 28:1	30-36	2-2.4	50-54	3.4-3.6	39	2.6
RATIO 32:1	27-32	1.8-2.2	43-47	2.9-3.2	34	2.3
RATIO 40:1	21-25	1.4-1.7	35-37.5	2.4-2.5	27	1.8
RATIO 45:1	18-22	1.2-1.5	31-35	2-2.4	24	1.6
	PUMP CIRCULATION VALVE - FILTER MESH RECOMMENDATIONS					
	50/70/ 100 mesh		50/70/ 100 mesh		50/70/ 100 mesh	
	GUN OPERATING PARAMETERS					
ATOMISING AIR PRESSURE	20-30 psi					
	GUN FILTERS					
	180/200 mesh		100 mesh		100 mesh	
TIP SIZE	Metric	Imperial	Metric	Imperial	Metric	Imperial
	0.23mm	09 thou	0.28mm	11 thou	0.28mm	11 thou
	Tip fan angle					
EXTERIOR JOINERY / NARROW ITEMS	40°	40°	20°	20°	20°	20°
WIDE ITEMS (DOORS)	40°	40°	40° -60°	40° -60°	40° -60°	40° -60°

NB: 1 bar of
air pressure is
equivalent to
approximately
15 psi

TEKNOS (UK) LTD
UNIT 7 LONGLANDS ROAD
BICESTER, OXFORDSHIRE
TEL. 01869 208 005
SALES@TEKNOS.CO.UK

54 BALLYMOUGHAN ROAD
MAGHERAFELT
BT45 6HN
TEL. 02879 301472
SALES.NI@TEKNOS.CO.UK

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