

WATER BASED PAINT



APPLICATION

<ul style="list-style-type: none"> • Liquid • Base • Q (m3/h) • Temperature (°C) • Viscosity (cPs) • P (bar) : 	Paint Water 48 22 CONSTANT 500 maximum 3	<ul style="list-style-type: none"> • Abrasive • Particles (mm) • ATEX • Fragile • Self priming • Specific gravity 	Yes No No Yes No 1
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The plant is producing metallic doors for buildings.
 For painting, doors are soaked in a long tank.
 Pumps are used for paint circulation in the tank.
 Necessary flow rate 48m3/h
 The pumps are working 24h/24, 7days/7.

ISSUES

Paint is fragile and abrasive, and it dries in few minutes.
 The pumps mechanical seals resist badly to these conditions (it is necessary to have flushed or pressurised MS)

MOUVEX SOLUTION

C36I Technology Construction Dynamic tightness Static seals Jacket	Mouvex Eccentric disc Stainless steel Seal Less PTFE coated FKM No
Speed	Low 300 rpm



The 2 C36I have been working perfectly since May 2007.
 The 2 pumps are installed in parallel, each pumping at 24m3/h.
 Their speed is slow, so the shear rate is low and wear is reduced.
 With its seal less technology (transmission block), the C series pump does not need the heavy Mechanical Seal protection system.