



BETTER SOLUTIONS ARE THE RESULT OF CONVINCING DETAILS.

Hardener Valve

with adjustable flow quantity



The use of common paint valves in the hardener area causes often problems like leakage and agglutination. The newly developed generation of hardener valves make a constant flow speed in the mixing area possible and this independently from the actual amount of hardener needed. A special coating improves the sliding ability of parts that come in contact with material. The consequent separation of fluid and air prevent the contact between control air and hardener and eliminate therefore the main cause of malfunction in common valves.

There is also the possibility to evaluate the switch position electronically and therefore to monitor the valve in a superimposed control. To retrofit the new hardener valves in existing equipment is possible without any problems.

Scope of Application

- 2K waterborne paint
- 2K solventborne paint
- 2K softfeel paint
- 3K waterborne paint
- 3K solventborne paint

Features

Special features of the hardener valve are:

- Electronic monitoring of switch position
- Use of return valve is not necessary anymore
- Constant injection pressure of hardener into paint; segregation is not possible
- Size of drilled hole adjustable to flow quantity, therefore constant flow speed inside the valve conus
- Settling of hardener in annular gap area impossible
- Adjustable needle stroke

Advantages for user

- Higher service life
- Less susceptible for interference than common valves; low maintenance and failure safe
- No common pre-mixing chambers prone to malfunction.



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Technical data

Hardener valve

Flow quantity:	min. 5 ml max. 600 ml (depending on viscosity)
Material pressure range:	10 bar
Air supply – control air pressure:	max. 10 bar
Air supply – thread:	M5
Connections (valve body):	M16 x 1,5 M16 x 1
Material:	stainless steel 1.4571