

## Recommended Water Treatment Agents

The following selection criteria for treatment agents should be applied:

- Maximum temperature
- Materials used
- Carbonate hardness of the feed water
- Build-up of a protective layer in dry and wet state
- Environmental compatibility

For correct handling, it is important to note the following:

- If unsuitable agents are used, there is a risk of insufficient protection of or damage (corrosion, deposits) to temperature control units, moulds and piping.
- Treatment agents are consumed during use. Over dosage or under dosage can cause damage. For this reason systematic monitoring of the quality of the agent in the circuit is required.
- If treatment agents are mixed with other additives or agents, the use must be agreed with the manufacturers.
- The trade and use of agents are subject to country-specific regulations. Clarification with the competent water authority is required in certain countries.

Maximum temperature	Used materials	Carbonate hardness	Protective layer dry / wet	Environmental compatibility	Agent (trade name)	Manufacturer	Website
180 °C	<sup>1)</sup>	<20 °dH	- / +	+	ST-DOS H-390	Schweitzer-Chemie	<a href="http://www.schweitzer-chemie.de">www.schweitzer-chemie.de</a>
220 °C	<sup>2)</sup>	<5 °dH	+ / +	-	KS 21	ELMAK	<a href="http://www.elmak.de">www.elmak.de</a>
230 °C	<sup>1)</sup>	<5 °dH	+ / +	+	ST-DOS K-374	Schweitzer-Chemie	<a href="http://www.schweitzer-chemie.de">www.schweitzer-chemie.de</a>

<sup>1)</sup> *Iron, steel, copper, brass, aluminum, cast iron and the normally used plastics and seals*

<sup>2)</sup> *Mixed installation (details on product datasheet must be clarified if required)*

- *drawbacks are known*

+ *no drawbacks are known (current state of knowledge)*