

RASCOflex AY108

ACRYLATE INJECTION MATERIAL

GENERAL

The A-component is always marked in **black** and the B-component in **red**.

A **B**



The A-component plus associated equipment shall be kept strictly separate from the B-component and equipment.

PERSONAL PROTECTIVE EQUIPMENT

Suitable protective clothing, gloves and goggles shall be worn. An eyewash bottle shall be kept at hand. For further details, please consult the safety data sheet.



MIXING OF A-COMPONENT

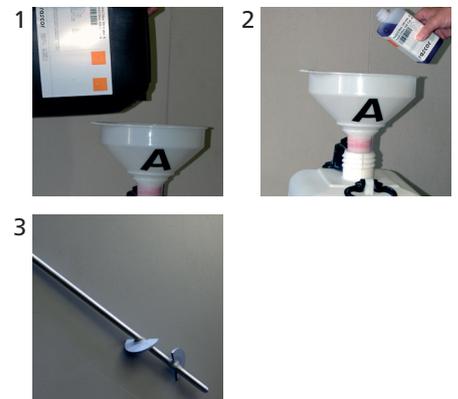
1. Pour A-Comp concentrate into A-machine canister
2. Add A-Cat catalyst

- If required, add AY-AC accelerator **or** AY-RE retarder



Accelerated material shall never be retarded and retarded material shall never be accelerated

3. Mix thoroughly with mixing paddle



GEL TIME

Gel time in seconds, in function of material/building fabric temperature

NOTE: Basic chemical rule: A 7°C temperature increase will halve the gel time of the mix, and a 7°C temperature reduction will double the gel time of the mix.

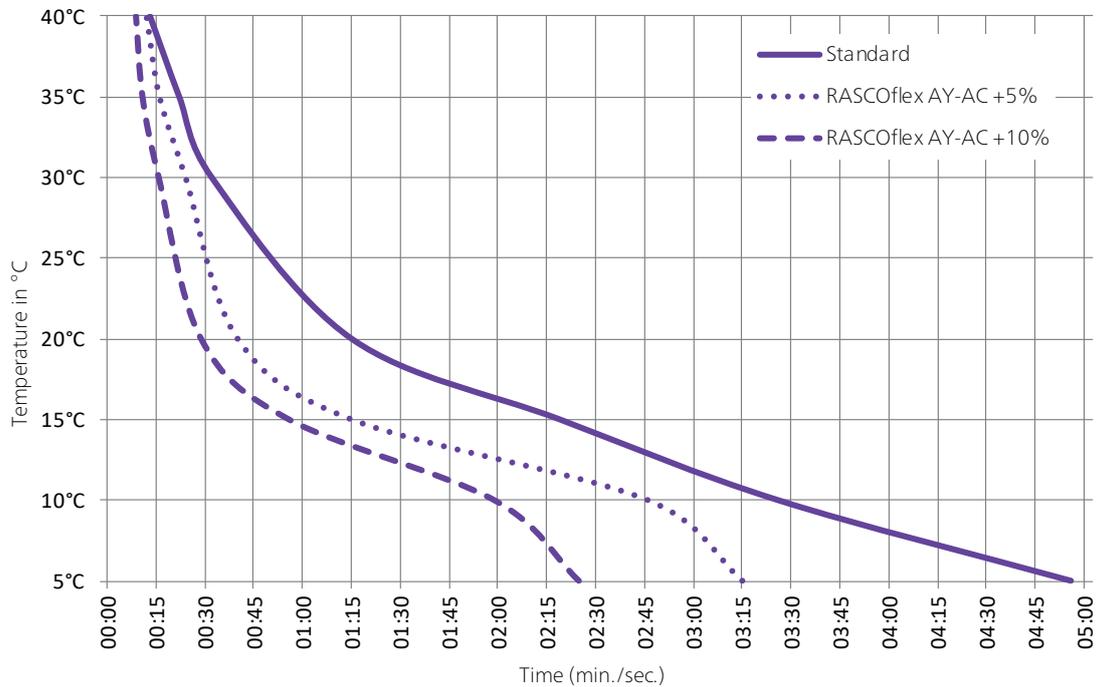


Guide values from laboratory tests!



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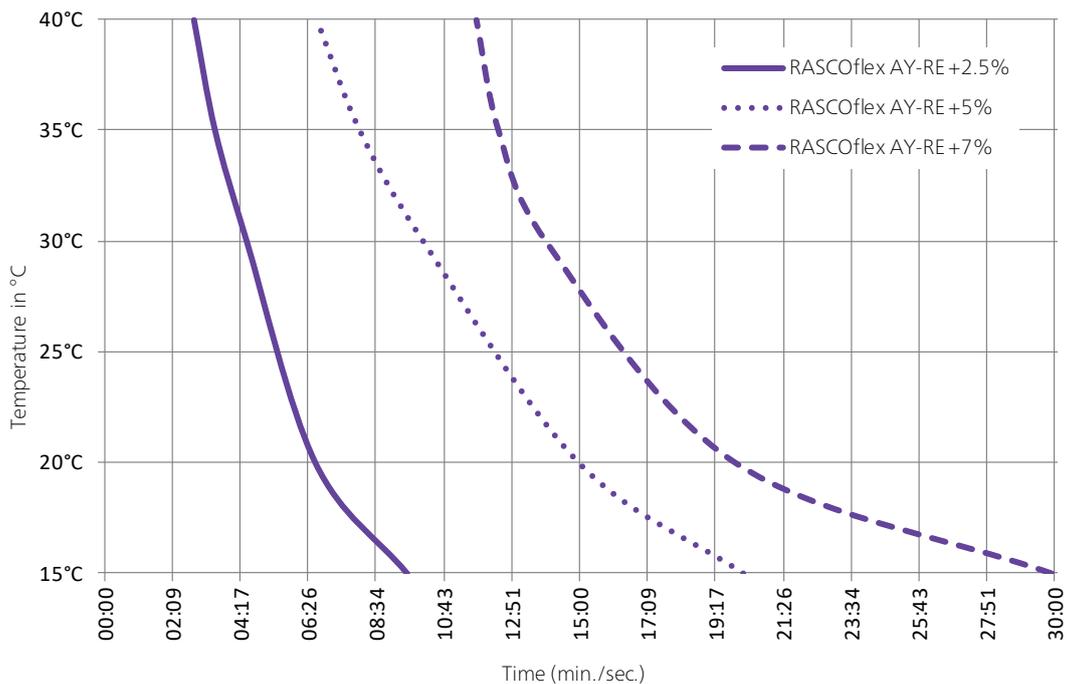
RETARDATION TIME

Retardation time in minutes, in function of percentage of retarder added

NOTE: Basic chemical rule: A 7°C temperature increase will halve the gel time of the mix, and a 7°C temperature reduction will double the gel time of the mix.



Guide values from laboratory tests!



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MIXING OF B-COMPONENT

1. Pour concentrate for B-component (B-concentrate) into B-mix canister
2. Add B-powder



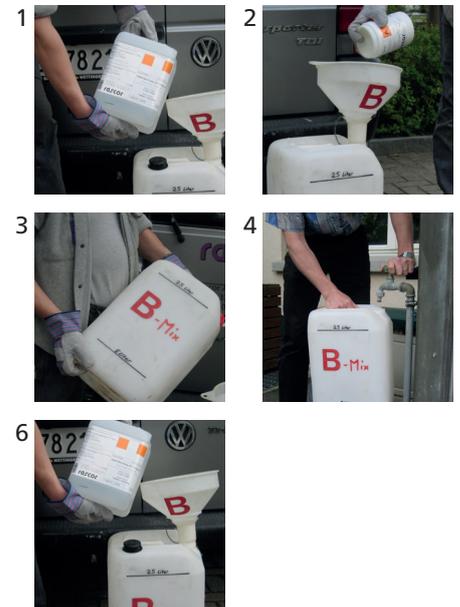
Warning: Never mix B-powder with A-Cat or AY-AC! Can lead to deflagration of the material, which could cause severe burns!

3. Shake B-mix canister thoroughly
4. Fill B-mix canister with clean water up to 25-litre mark
5. Reshake B-mix canister thoroughly

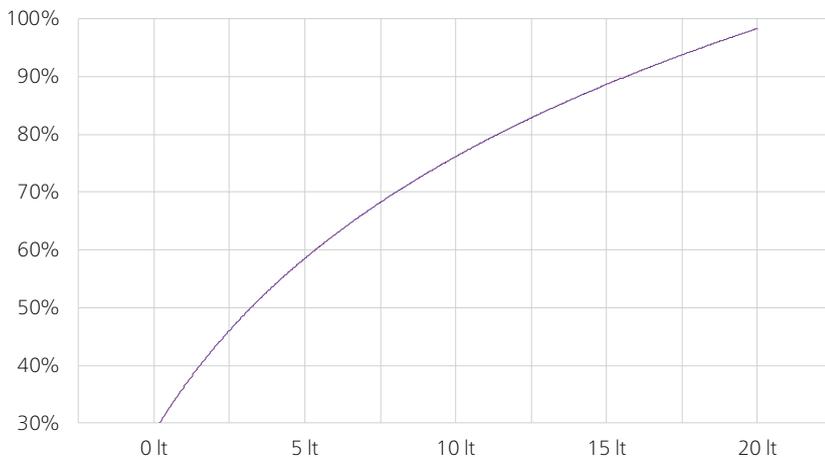
OPTIONEN RASCOFLEX AY-PE / AY-QV100

6a. AY-PE may be optionally added instead of water (Point 4; gel time is accelerated). Reduces the shrinkage behaviour and increases the flank adhesion.

6b. AY-QV100 may be optionally added instead of water (Point 4). Depending on the desired swelling effect, only parts or the entire amount (no more water required) is added. With maximum addition, a swelling effect of up to 100% of the unswollen RASCOflex AY108 is achieved.



Swelling effect through RASCOflex AY-QV100

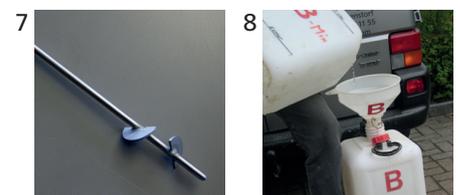


7. Mix thoroughly with mixing paddle



Do not use same mixing paddle as for A-component!

8. Transfer contents of B-mix canister to B-machine canister



STORAGE/SHELF LIFE

12 months in original container, from +5°C to +25°C, in dry conditions. All components shall be protected from sunlight during storage. The ready-mixed A-component may be kept for approx. 2 days, depending on the storage temperature. The ready-mixed B-component may be kept for 2-5 days, depending on the storage temperature.

