

1-PART SEALANT

ADVANTAGES

EASY TO USE STRAIGHT FROM CARTRIDGE
(WILL ALWAYS CURE AND PERFORM AS
DESIGNED PROVIDED IT IS USED WITHIN
SHELFLIFE)

CONSISTENT SEALANT QUALITY AS
SUPPLIED

CAN BE USED IN MANY LOCATIONS BY MANY
APPLICATORS AT ONE TIME

CAN BE USED IN FACTORY OR ON SITE

DISADVANTAGES

SLOW CURE IN DEEP SECTIONS RESULTING IN
LONG DELIVERY TIME OF UNITS TO SITE AND
LARGE STORAGE AREA REQUIREMENT FOR
CURE

2-PART SEALANT

ADVANTAGES

FAST CURING (REDUCES TIME TO MANUFACTURE COMPLETED FRAMES AND SPACE REQUIRED FOR CURING FRAMES)

DISADVANTAGES (OR LIMITATIONS)

REQUIRES EXPENSIVE METER/ MIX EQUIPMENT (PUMP)

CAN ONLY BE USED FOR FACTORY GLAZING

CAN ONLY BE USED BY ONE OPERATOR IN ONE LOCATION

FACTORY GLAZING MUST BE ARRANGED IN LOGICAL SEQUENCE AROUND THE PUMP

PUMP MUST BE RUN CONTINUOUSLY FOR ECONOMICAL OPERATION

CONSIDERABLE SEALANT WASTAGE DUE TO BASE FLUSHING AT PUMP SHUT DOWN (INCREASED BY STOP/ START OPERATION)

DISADVANTAGES

SEALANT SUPPLIED AS BASE & CA MUST BE MIXED IN CORRECT RATIO TO CURE AND PERFORM.

PUMP MUST BE WELL MAINTAINED TO ENSURE GOOD, CONSISTENT MIX.

FAILURE TO RUN PUMP CONTINUOUSLY WILL RESULT IN BUILD-UP OF CURE IN GUN RESULTING IN POOR MIX.

GREATER ATTENTION TO QA TESTING REQUIRED (BUTTERFLY, SNAP TIME, ADHESION)

OVERALL GREATER RISK OF POOR SEALANT PERFORMANCE DUE TO MIX/ RATIO/ PUMP PROBLEMS.

SUMMARY

1 PART SEALANT SUITABLE FOR ALL PROJECTS LARGE AND SMALL, FACTORY OR SITE GLAZED.

2 PART SEALANT MOST SUITABLE FOR

- LARGE PROJECTS (OR MANY SMALLER PROJECTS)

- FACTORY GLAZING

- CONTINUOUS OPERATION WITH LARGE DAILY THROUGHPUT (E.G. 50-100 UNITS PER DAY)

- DEEP JOINTS WHERE 1 PART SEALANT WILL TAKE MANY WEEKS TO CURE