METHOD STATEMENT
PENETRON SiMP™ SEAL 20

Tools:

Cylinder manual operated silicone gun, cutter, masking tape, water and squeegee.

DIRECTIONS FOR USE

Surface Preparation:

Surfaces must be clean, dry, free of water, oil, grease or rust and of sound quality. Remove all loose particles or residues with a jet of compressed air, sandpaper or hard brush. Glass, metal and other non-porous surfaces must be free of any coatings and wiped clean. Cleaners and/or primers may be required to achieve optimal adhesion. Pre-test substrates for adhesion.

Application:

Masking tape should be placed where sharp exact joint lines or exceptionally neat lines are required.

To guarantee free movement of the sealant in joints, it is imperative that the sealant does not adhere to the bottom of the joint. Therefore, for correct joint caulking, a joint backing rod of suitable diameter is to be placed at the proper depth.

Fit the cartridge into a manual (or pneumatic air) cylinder operated gun and screw on the plastic nozzle on its top. Cut it at an angle according to the desired bead thickness and profile.

Firmly extrude SiMP® SEAL 20 and apply in the joint making sure that it is in full contact with the sides of the joint and with the backing rod at the bottom. Continue with a steady flow of sealant preceding the nozzle to avoid air entrapment. Avoid overlapping of sealant to eliminate entrapment of air. SiMP® SEAL 20 should be tooled to a smooth finish ensuring full contact to the sides and back up material into the joint. This will also contribute to breaking the air bubbles which may be formed inside the sealant.
Remove the masking tape whilst the sealant is still soft.

Finishing indications and limitations:

SiMP® SEAL 20 can be over-painted. The paint must be tested for compatibility with SiMP® SEAL 20 by carrying out preliminary trials. Attention must be observed to the use of alcohol or alkyd-resin since they may interfere with the curing process of the sealant and reduce the drying time of the paint itself.

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METHOD STATEMENT
PENETRON SiMP™ SEAL 20 (cont.)

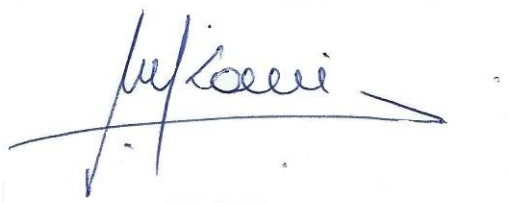
The hardness and film thickness of the paint may impair the elasticity of the sealant and lead to cracking of the paint film. Avoid exposure to high levels of chlorine (avoid sealing joints in chlorinated swimming pools). Avoid contact with alcohol and other solvent cleaners during cure. When applying SiMP® SEAL 20, avoid air-entrapment. Since the system is moisture-cured, permit sufficient exposure to air. Bonded elements may require additional holding or support during curing period.

NOTE: The optimum operating temperature for both substrate and sealant are between 59°F and 77°F (15°C and 25°C).

SPECIAL CONSIDERATIONS

SiMP® SEAL 20 presents long-term resistance to fresh water, seawater, limewater, caustic solutions and cleaning agents. Short term resistance to Petrol, grease and mineral oil. Not resistant to organic acids, concentrated mineral acids or solvents.

Do not use SiMP SEAL 20 on bituminous substrates, natural rubber, EPDM rubber or on building materials which might bleed oils, plasticizers or solvents which could attack the sealant.



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