



HEAT VENTILATION AND AIR CONDITIONING INDUSTRY ASSEMBLY SOLUTIONS

SOLUTIONS FOR BONDING, SEALING AND DAMPING OF AIR CONDITIONING SYSTEMS

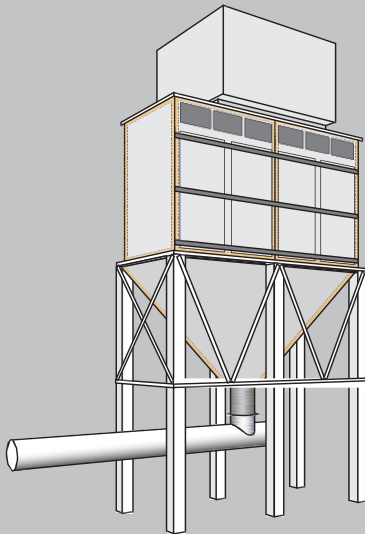
Whether a structural bond or a generic sealing is needed, Sika offers a wide range of solutions suitable for the whole assembly process while satisfying the most demanding market requirements. Manufacturers of air conditioning systems rely on Sika's technologies to bond, seal and soundproof metal bodies and frames in filter systems, achieving thus cost-optimization and long-term results.

ADVANTAGES

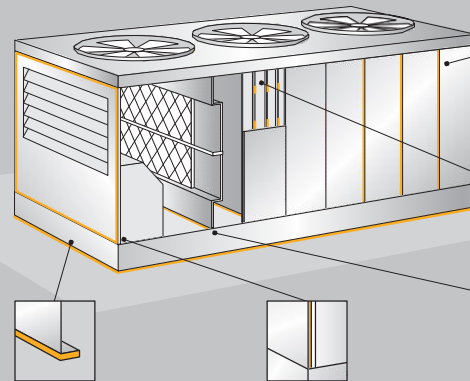
- High load-resistant solutions
- No welding process and metal buckling
- No unaesthetic mechanical fixtures
- Sound damping
- Sealing and bonding in one step
- Improved system performance
- Reduced assembly time

PRODUCT FEATURES

- Sikaflex® and Sikasil® solutions: structural adhesives and sealants
- Assembly performance: Sikaflex®-552 AT and Sikaflex®-953
- UV-resistant and primer-free solutions: Sikasil® AS-70 and Sikasil® AS-785
- Fungus- and mold-resistant (VDI 6022 / ISO 846): Sikaflex®-522 and Sikaflex®-551
- Gap filling and short handling time with the 2-component technology of Sikaflex®-953 and Sikasil® AS-785



Metal frame sealed and bonded with Sikaflex®-268. For primer-free applications, Sikasil® AS-70 or the fast cure Sikasil® AS-785 are advised.



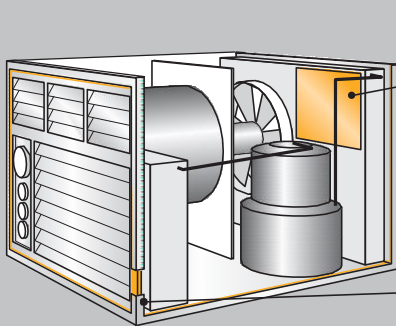
1. Joining of wall panel: Sikaflex®-252.

2. Bonding of wall panels: Sikaflex®-552 AT or Sikaflex®-551 if hygiene requirements must be met.

3. Seam sealing: Sikaflex®-522 or Sikaflex®-221 RLT fulfills hygiene requirements for HVAC systems.

4. Structural corner bonding: Sikaflex®-552 AT.

5. Perimeter sealing: SikaLastomer®-710.



1. Vibration damping: SikaDamp®-620.

2. Seam sealing: Sikaflex®-522 or Sikaflex®-221 RLT fulfills hygiene requirements for HVAC systems and equipments.

3. Structural corner reinforcements: Sikaflex®-552 AT. For faster curing, Sikaflex®-953 can be used.

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