

ANDURA-SIL W

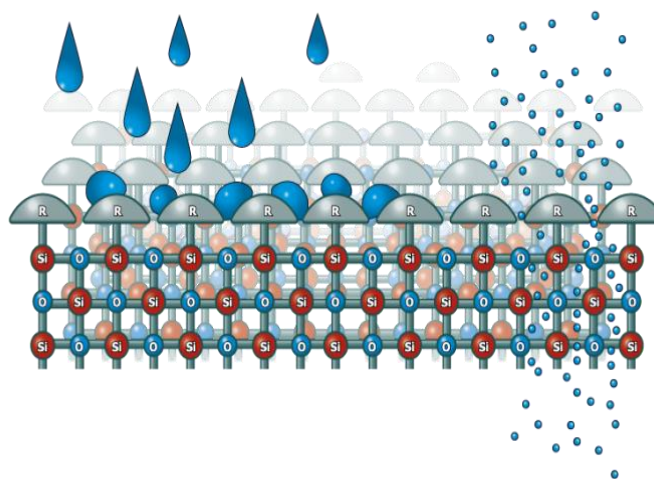
High performance, water-borne Silicone Resin based coating formulated for brush, roller & airless spray application onto exterior masonry surfaces. Provides a water-repellent finish which is extremely breathable and durable.

Advantages

- Water based – clean up with water
- Low odour, low VOC & environmentally friendly
- Completely water repellent, yet breathable, prolonging the life of the property
- Stays clean for much longer than traditional masonry paints due to self-cleaning action
- Extremely resistant to UV radiation & weather resistant
- Excellent bonding to most mineral substrates

Description

Andura Silicone Resin Emulsion is formulated utilising a silicone based resin which reacts to form a durable three-dimensional structure of Silicone & Oxygen atoms as demonstrated in the diagram on the right. This chemical structure results in the formation of water repellent groups in the paint film (R) which prevents the ingress of water (as shown in left of diagram), yet allows moisture to migrate from the substrate through the coating (as shown on the right of the diagram), keeping the walls dry. Traditional masonry coatings, whilst capable of forming a waterproof barrier, have limited capacity to allow any moisture in the wall to escape due to a 'closed film'. This can cause the wall to 'sweat', possibly resulting in peeling, cracking & bubbling of the coating. In severe circumstances, damage to the structure of the building is also possible.



Self-Cleaning

The water repellency properties of this coating reduce dirt accumulation from atmospheric contaminants. During wet weather, the rain drops are repelled off the surface of the coating, effectively washing dirt away during the process. This keeps the coating cleaner for much longer than traditional masonry coatings.



Mould Resistant

Moist areas are much more prone to organic growth than dry areas. The silicone coating keeps the walls drier for much longer than those coated in conventional masonry coatings, resulting in a much less suitable environment for micro-organisms to thrive.