

Title: ACRILEM® ST186: resin with better adhesion on different substrates

ACRILEM® ST186 is a styrene acrylic emulsion to be used as universal resin in multiple applications like exterior paints, textured finishes, roof coating membranes and sealants. The polymer backbone contains a special adhesion promoter delivering superior wetting and adhesion to different mineral substrates, higher cross-linking density and hydrophobicity. As a result, this polymer architecture allows to improve wet abrasion and water resistance without compromising elasticity even at low temperature. Low to zero VOC formulation, excellent pigment wetting and loading represent other key benefits of ACRILEM® ST186. Other styrene-acrylic emulsions with the same adhesion promoter technology but different Tg are included in ICAP-SIRA product portfolio in order to tune the polymer hardness/softness according to the selected application. The excellent mechanical resistance and durability of these binders enable to increase the time interval before renovation and to decrease maintenance costs, leading to improved product sustainability.