

With environmental and aesthetic issues becoming a major factor in site acquisition, many of our customers are looking for ways to have their antennas blend into the surroundings. Usually the easiest way to accomplish this is by painting. Below are some general guidelines, should you determine a need to paint your Kathrein Scala Division antennas.

Kathrein Scala Division makes its radomes out of fiberglass, a material preferred by automobile makers because of its strength and stability over large temperature variations as well as its resistance to chemicals and air borne pollutants. For these as well as other reasons, fiberglass is the best material for making radomes.

1. Prepare the fiberglass radome by cleaning it with acetone. This will roughen up the surface and improve paint adhesion.
2. Before applying any paint, be sure to mask the connector and stainless steel mounting brackets. This is very important to ensure a good electrical connection to the transmit or receive equipment and also to ground the antenna to the support structure to provide a low resistance path to earth during lightning storms.
3. Paint selection is very important as it must not be an electric conductor. Certain metallic paint additives like titanium dioxide and zinc are allowable as long as they represent less than 5%. Titanium dioxide is a UV stabilizer commonly used in all high quality fiberglass radomes to improve life expectancy.

Keeping the above guidelines in mind, professional looking paint finishes can be achieved by field personnel. For critical sites, it may be advisable to contact an auto body shop to make an exact color match with any building. This may entail a visit to the building to obtain paint chips from the different exposures so that aging and sun fading can be taken into consideration. For further information regarding antenna painting or mounting, please call Kathrein Scala Division at (541) 779-6500 and ask for Sales Engineering.



All specifications are subject to change without notice