POWDER COATINGS MAINTENANCE INSTRUCTIONS:

1. The manual sets out the principles to be followed when cleaning powder coated Devices used in places of environmental corrosivity of class C2 to CX:

    a) for washing, use clean water to which you can add a small amount of neutral or slightly alkaline detergents.Washing can be more efficient when for wiping of the surface a non-abrasive soft cloth is used, ;

    b) the temperature of water and detergent mixture used for washing must not exceed 25 °C;

    c) do not use detergent strongly acidic or highly alkaline;

    d) do not use abrasive cleaners or clean the surface by friction; it is allowed to use soft cotton wipers;

    e) do not use organic solvents containing esters, ketones, alcohols, aromatics, glycol esters, halogenated hydrocarbons etc.;

    f) do not use detergents of unknown origin;

    g) greasy, oily, tarry and other difficult to remove substances can be removed from the cleaned surface with a petroleum free from aromatic solvent compounds;

    h) detergents used for washing should react with the washed area as short as possible; if necessary, repeat the cleaning process after several hours;

    i) after washing the surface must be immediately rinsed with cold clean water.

2. The frequency of washing powder coatings depends on the class of corrosiveness of the environment in which the Device is operated. Corrosivity class of environments are defined in PN-EN ISO 12944-2:2018-02. It is also important whether the Device is sited in a location that allows for easy washing of the surface by rain, or if it is limited.

    a) the devices used in places of corrosivity class from C2 to C3, should be washed at least once a year at the place where the surface is washed away by rain and from 2 to 3 times a year where it is limited;

    b) the devices used in places of corrosivity class from C4 to CX, should be washed at least 2 times a year at the place where the surface is washed away by rain and from 3 to 4 times a year where it is limited.

3. Cleaning of the coating must be documented.