### **INSTALLATION – HARDSCAPE ELEMENTS**



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Thanks for purchasing ARTO hardscape elements, handmade in Southern California since 1966. ARTO concrete balusters, pool coping, pier caps, and wall caps are delivered unsealed and can be sealed to protect finish and minimize staining.

#### **PRODUCTS**

- Balustrade System (baluster, handrail, base)
- Roman Pier Caps
- Roman Pool Coping
- Roman Wall Caps
- Safety Grip Pool Coping

### **GENERAL TIPS**

- Cover pallets or store indoors to protect from the elements and other trades.
- Concrete products are handmade and characterized by natural variation. Blend from multiple pallets for best results.
- Do not use acids, alkalis, or other harsh chemicals to clean products before, during, and after installation.

### SUBSTRATE PREPARATION

- All substrates must be clean, free of contaminants, and have a roughened surface for bonding.
- Substrates must be able to handle the weight of the installed product.

## **INSTALLATION – BALUSTRADE SYSTEM**

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- System includes base, balusters, and handrails. Baluster may be installed without base on appropriate substrate. Install base using LATICRETE 255 Large Format Mortar or approved alternate.
- Drill holes in base or substrate to accommodate rebar centers and adhere balusters using same mortar.
- Drill holes in bottom of handrail and repeat process
- Grout joints using LATICRETE Permacolor grout or sanded grout appropriate for joint width.
- Consult local building codes for baluster spacing and weight limits.

# **INSTALLATION – WALL & PIER CAPS**

- Select wall or pier cap size to fit base of wall or column.
- Make sure to account for bullnoses on caps and cladding on walls or columns when selecting sizes.
- Install wall and pier caps using LATICRETE 255 or approved alternate.
- Grout joints using LATICRETE Permacolor grout or sanded grout appropriate for joint width.

#### INSTALLATION - POOL COPING

- Install pool coping on bond beam using LATICRETE 255 or approved alternate.
- Corners are available or straight pieces can be miter cut for corners.
- Consult ARTO Concrete Retail Price List for radius options, measurements, and exact dimensions
- Pool coping must be sealed for best performance with penetrating sealer or a "breathable" topical sealer.
- Saltwater resistant sealers are recommended for use with saltwater pools.
- Test sealer first to ensure look and slip resistance are as desired.
- Grout joints using LATICRETE Permacolor grout or sanded grout appropriate for joint width

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