

# HORIZONTAL MASONRY REINFORCING

MATERIAL AND JOINT REINFORCEMENT SPECIFICATIONS	
MATERIAL	REFERENCE SPECIFICATIONS
Carbon Steel Wire	ASTM A-82
Stainless Steel Wire	ASTM A-580 (Type 304)
Carbon Steel Sheet metal	ASTM A-1008 or ASTM A-109
Steel Plate	ASTM A-36
Stainless Steel Sheet Metal	ASTM A-167 (Type 304)
Joint Reinforcement	ASTM A-951
Joint Reinforcement	UBC 2106.1.1

MASONRY

ASTM COATING SPECIFICATIONS		
FINISH	REFERENCE SPECIFICATIONS	COATING*
Brite Basic**	ASTM A-82 (for cold drawn steel wire)	Uncoated
Mill Galvanized	Regular Mill Galvanized ASTM A-641	0.10 (30 g/m <sup>2</sup> )
Mill Galvanized	ASTM A-641 - Class 1	0.35 (106 g/m <sup>2</sup> )
Mill Galvanized	ASTM A-641 - Class 3	0.90 (275 g/m <sup>2</sup> )
Hot Dipped Galvanized	ASTM A-153 - Class B-2	1.50 (458 g/m <sup>2</sup> )
	*Minimum ounces of zinc coating per square foot (grams per square meter) of uncoated wire surface **Brite Basic wire acquires rust in warehousing, transit and job-site storage. Therefore DUR-O-WAL does not assume responsibility for rusted material	

ASCE 6/ACI 530.1 / TMS 602*** COATING REQUIREMENTS	
APPLICATION	ASTM REQUIREMENTS
Joint Reinforcement - Interior Walls	ASTM A-641 (0.10 oz/FT <sup>2</sup> -30 g/m <sup>2</sup> )
Joint Reinforcement, Wire Ties and Anchors—Exterior Walls in moist environments	ASTM A-153 - Class B-2 (1.50 oz/ft <sup>2</sup> - 458 g/m <sup>2</sup> )
Sheet Metal Ties or Anchors completely embedded in mortar or grout	ASTM A-525 - Class G-60 (0.60 oz/ft <sup>2</sup> - 183 g/m <sup>2</sup> )
Sheet Metal Ties and Anchors - Exterior Walls or Interior Walls in moist environments	ASTM A-153 - Class B-2 (1.50 oz/ft <sup>2</sup> - 458 g/m <sup>2</sup> )
***ASCE 6/ACI 530.1/TMS 602 Specifications for masonry Structures (BOCA and SBCCI have adopted the ACI 530.1 Standard Specification)	