

Part 642 – Specifications

Chapter 3 – National Standard Material Specifications

Material Specification 538—Metallic Waterstops

A. Scope

This specification covers the quality of material for metal waterstops as specified for reinforced concrete installation.

B. Material

Metal waterstops shall be made of copper or galvanized steel as specified. Waterstops that require forming of the metal involving sharp bends shall be made of copper, which shall be soft and pliable so bending to an inside radius equal to its thickness without cracking will occur at temperatures less than 180 degrees Fahrenheit.

C. Quality

Metal for waterstops shall conform to the requirements of the applicable ASTM Standard:

- (i) Copper—ASTM B152
- (ii) Zinc-coated (galvanized) steel—ASTM A653