THE CITY OF TEA TREE GULLY

› Technical Specifications

FENCING

DESCRIPTION: FENCING - SPORTS FENCING CHAIN LINK FABRIC

CODE: FEN09 29/10/2024

APPLICATIONS

Regional	○
District	●
Neighbourhood	●
Local	●
Main Roads	○
Local Roads	○

PERFORMANCE CRITERIA

durable and weather resistant, safe, provide clear visibility, structural integrity, low maintenance, visually appealing, appropriate height for the relevant sport(s)



IMAGE/S

Images are indicative of the style, not a specific brand. Council's procurement policy must be followed when selecting and purchasing items.

MATERIALS	Chain Link Fabric - galvanised wire KK 45 pitch / PVC coated core wire Posts - Steel galvanised Rail - Circular Hollow Section
FINISHES	Chain Link Fabric - pvc / powder coated (or otherwise specified) Posts and Rails - powder coated
COLOURS	Chain link - Black (or otherwise specified) Posts and Rails - black (or otherwise specified)
SIZE (INDICATIVE)	Fence height - 3600mm high Chain Link - 3.15mm core wire pvc coated - 4.15mm Posts - circular hollow section - End & Corner - DN80 x 4.0mm (medium) - Intermediate - DN50 x 3.6 (medium) - Diagonal bracing (2 per corner) - DN40 x 3.2mm (medium) Rail size - top and bottom DN40 x 3.2mm (light)
VARIATIONS	Cricket Nets, Basketball Surrounds, Tennis Courts Any other variation as specified in a design brief
OPTIONS	Lacing wire - end and corner posts to be continually laced taut through each diamond with 2mm lacing wire Every second chain link on both top and bottom rails to be individually secured using double wrapped tie wire with 2mm lacing wire
INSTALLATION INSTRUCTIONS	Post centres 3330mm max. Footing size: - Intermediate posts - D 600 x 300mm (unless otherwise stated) - Corner and End posts - D 900 x W 300mm (unless otherwise stated) - Diagonal Bracing posts - D 750 x W 300mm (unless otherwise stated) Ties to posts - 2mm Core Wire - single strand tied to all intermediate posts, ties shall be located centrally between all Helicoil Wires, twisted twice with ends cut short and folded back flat to posts to avoid risk of injury. Fence selvage KK-Knuckle-Knuckle
DDA (Universal design principles)	NA
MAINTENANCE	As required
ENVIRONMENTAL	
EXPECTED LIFESPAN / END OF LIFE REPLACEMENT	Expected lifespan 15-20 years
FURTHER INFORMATION	Fixings: • “C” clips 16mm x 2mm with blunt ends (to avoid risk of injury). Clips shall be clipped to all Helicoil Wires at 320mm Maximum Spacing (each 4th diamond). • Fixed Corner Clamp • Fixed Cross Clamp • Fixed Tee Clamp Helicoil Wire (4mm x single strand) • Top and Bottom Rail - 3 Mid Helicoil Wires (preferred option) • Top Rail Only - 3 Mid Helicoil Wire and 1 Bottom Mid Helicoil Wire (4 Helicoil Wires) • Bottom Rail Only - 3 Mid Helicoil Wire and 1 Top Helicoil Wire (4 Helicoil Wires) • Rail-less with Corner Bracing - 3 Mid and 1 Top and 1 Bottom Helicoil Wires (5 Helicoil Wires) All fittings and wires to be colour matched. Powder coating to be colour matched.