

# FIBRE-REINFORCED CONCRETE SPACERS

Our fibre-reinforced concrete spacers are engineered for accuracy and durability, delivering consistent performance on every construction site. Manufactured using high-quality extruded fibre concrete, these spacers offer exceptional chemical and physical resistance, making them ideal for demanding environments.

Their strong bond with structural concrete helps minimise hairline cracking, ensuring stable cover and long-lasting reinforcement protection. Designed to meet all exposure class requirements, every mix is independently tested to guarantee reliability, strength, and compliance. Our spacer blocks are tested independently on a regular basis, to ensure strength and durability.

Subrostar fibre-reinforced concrete spacers are manufactured in accordance with ISO 9001:2008 and conform to the requirements of SANS 5860 C13. Block & Bar Spacers

- ▶ High compressive strength for reliable support
- ▶ No deformation in heat or cold
- ▶ Ensures accurate and consistent concrete cover
- ▶ Prevents hairline cracks for clean, watertight finishes
- ▶ Ideal for impermeable concrete applications
- ▶ Large support area reduces pressure on formwork
- ▶ Stays securely in place during formwork and concreting
- ▶ Fast, simple installation for labour and time savings

We manufacture a wide range of concrete spacers designed to give your reinforcement the correct cover and long-term protection it needs. Our spacers are built for strength, accuracy and durability — even in harsh environments and specialised applications.

Using the correct cover blocks to maintain proper cover distance is essential for strong, durable concrete structures. Without adequate cover, the structure can suffer from reduced strength, corrosion of the reinforcement, and a shorter lifespan.

## Special Applications & Performance Advantages

### ✓ Safe for Drinking Water Structures

For reservoirs, water treatment plants, and any structure that carries potable water, materials must not affect water quality. Our approved spacers are independently tested to ensure they are safe for use in drinking-water environments and do not influence microbiological conditions.

### ✓ Excellent Fire Resistance

Our moulded fibre-concrete spacers offer exceptional fire performance and will not burn out or weaken under extreme heat. This makes them suitable for fire-rated structures and critical safety applications.

### ✓ Low Water Absorption

In environments exposed to constant moisture, water absorption can shorten the life of concrete. We manufacture spacers with controlled absorption rates to support durability, minimise deterioration and improve performance in wet conditions.

### ✓ Chloride Protection

Coastal areas and structures exposed to de-icing salts need high chloride resistance to prevent reinforcement corrosion. Our spacers are engineered to match or exceed the chloride resistance of the concrete around them, helping extend the lifespan of the structure.

### ✓ Sulfate Resistance

Where soils or groundwater contain sulfates, standard spacers can fail over time. Subrostar produces sulfate-resistant spacers suitable for high-risk exposure conditions, ensuring dependable performance in aggressive environments.

## Benefits:

- ▶ Maintains precise and consistent concrete cover
- ▶ Stays firmly in place during installation and concreting
- ▶ High structural strength and durability
- ▶ Suitable for beams, slabs, columns and general reinforcement work

## Tribar Spacers

Tribar spacers are manufactured from fibre-reinforced concrete for superior strength and durability. Their shape makes them ideal for vertical and curved reinforcement, or any position where secure fixing and consistent cover are essential.

## Benefits:

- ▶ Secure fixing in horizontal, vertical, and overhead positions
- ▶ Wide support base prevents tipping or movement
- ▶ Perfect for curved or complex reinforcement layouts

## Spacer Applications:

- ▶ Align and space rebar in concrete structures;
- ▶ Maintain concrete cover for rebar protection;
- ▶ Support rebar during concrete pouring;
- ▶ Ensure stability and structural integrity;
- ▶ Prevent contact between rebar and formwork;
- ▶ Achieve uniform rebar spacing and;
- ▶ Product-specific designations indicate unique properties and uses.

