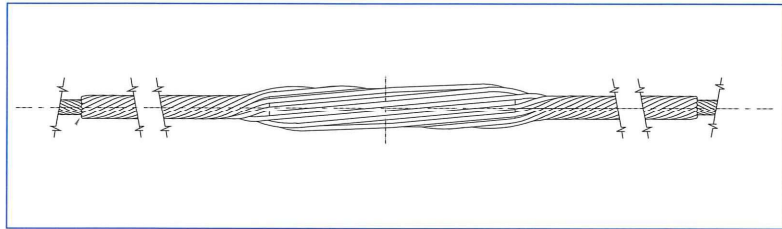


JOINTING, REPAIR AND PROTECTION

PREFORMED™ Splice Shunt



Application

The PREFORMED™ Splice Shunt is intended to restore the electrical and mechanical strength of a joint which has been found to develop abnormally high resistance. The rods perform this function by shunting current around the installed joint and by providing additional heat radiation surface.

Compared with alternative methods eg, lowering conductor and replacing with new section and two new joints, the Splice Shunt offers an economic and effective means of repair.

The Splice Shunt will restore full conductivity to both ACSR and homogeneous conductors.

The Splice Shunt is designed to restore full mechanical strength to homogeneous conductors. On ACSR-type conductors the full mechanical stress of the aluminium strands will be achieved. Other PREFORMED™ products with restorative repair capabilities are Armour Rods, Armour Splice, ACSR Full Tension Splice, Line Guards, Line Splice, Repair Sleeve and ARMOR-GRIP Suspension for Line Repair. Refer to appropriate sections and also to the repair chart in this section.

The PREFORMED™ Splice Shunt is custom-designed to meet the requirements of individual conductors and installed joints and fitting data is therefore not published. Recommendations will be made for particular applications upon receipt of information shown under 'Ordering Instructions'.

Cleaning and preparation: Optimum electrical performance from ACSR Full Tension Splice used can only be achieved if the following instructions are observed:

Wire Brushing: All conductors, new or weathered, MUST be thoroughly wire brushed before ACSR Full Tension Splices are applied.

Inhibitors: All conductors, new or weathered, MUST be coated with quality inhibitor along the area where the ACSR Full Tension Splice is to be applied. ACSR Full Tension Splices MUST NOT be re-used after original application.

Most designs of Splice Shunt are supplied as single rods, ungritted. In this case Line Grip Compound is provided to be spread over the area of the conductor to which the Splice Shunt is applied. For designs supplied as sub-sets, the grit is already applied to the rods and a separate application is not needed.

Construction

PREFORMED™ Splice Shunts are made of material compatible with the strand to which they are applied.

Lay Direction

The lay direction must be the same as that of the outer stranding of the conductor to which it is applied.

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Product Referencing and Ordering

Contact PLP (GB) Ltd with the following information:-

- Quantity
- Product reference number
- Product Name
- Strand: Stranding/lay direction
Diameter
Type
- Type of installed joint
- Dimensions: Length
Diameter at centre
Diameter at ends

3-5-8/2

