



# INDUSTRIAL GRADES

*bitumen based products*

## INDUSTRIAL BITUMENS

**Grades:** 85/30, 90/18 and 105/15

**DESCRIPTION:** Straight run bitumen, that is, bitumen produced from the distillation of crude oil, can have its physical properties altered by blowing air through the bitumen at elevated temperatures which are termed 'Blown' grades. By varying the degree of blowing, bitumen of differing properties can be produced. The three standard grades produced by Bituminous Products Pty Ltd are 85/30, 90/18 and 105/15. The numbers relate to the midpoint of the material's softening point and penetration respectively. The softening point value is the degrees Centigrade measured by the Ring and Ball method as determined by ASTM D36. The penetration value is in 1/10 mm as determined by IP49 or ASTM D5.

**PACKAGING:**

Bulk or 20 kg kegs that require heating before use.

**USAGE:**

The applications of these grades in industry are numerous, some of the more common are listed below:

- Waterproofing purposes - adhesion of roofing felts, impregnation of papers and boards.
- Adhesives - floor covering adhesives, carpet underfelts and backings.
- Rust Proofing - metal sheets and pipes.
- For building and construction purposes - caulking, mastics, and damp proofing.

<b>SPECIFICATIONS:</b>	<b>R85/30</b>	<b>R90/18</b>	<b>R105/15</b>
Softening Point	80-90°C	85-95°C	100-110°C
Penetration	25-35	13-23	10-20

**OTHER GRADES CAN BE MADE TO ORDER**

<b>BITUMINOUS PRODUCTS</b>			
<b>Sydney</b> (02)9772 4433	<b>Brisbane</b> (07)3260 1088	<b>Melbourne</b> (03)9706 6444	<b>Townsville</b> (07)4774 8311
			<b>Perth</b> (08)9351 1356