

# HOW TO SELECT PERFORMANCE BASED CONDUIT

As a craftsman, achieving best practice performance and compliance for all your electrical cable management work is important. When adhering to AS/NZS 3000:2018 Wiring Regulations, use this 3 point guide for selecting electrical conduit.

Not all conduit brands perform the same

### **KEY SELECTION FACTORS**

- Durability
- Craftmanship
- **→** Assurance

BEST	PRACTICE CONDUIT FEATURES	MARLEY ARMA®
1 P	URABILITY	
	UV Protection	
	- Long term outdoor durability	✓
	Mechanical Protection	
A	- Category A underground wiring rules compliance	✓
<b>(1)</b>	- Heavy duty durability (compression and impact protection) at very low temperatures	HD4431
	Service Temperature	
100 m	- At very low service temperatures (-15 $^{\circ}$ C) does not become brittle (mid range performing conduit typically restricted to +5 $^{\circ}$ C)	-15°C to 60
2 C	RAFTMANSHIP	
	Material Finish	Gloss finish
0	- High gloss finish has superior resistance to scratching and soiling compared to matte finish	<b>✓</b>
	Fittings	
•	- Colour match to Marley ARMA® conduit for a professional finish	✓
	- Extensive range for ease of install	✓
	Quality of cut	
	- Product retains shape once cut, unlike thinner wall product which may deform permanently	✓
3 A	SSURANCE	,
~	- AS/NZS 61386	<b>√</b>
9	- 3 <sup>rd</sup> Party independent verification	<b>V</b>
	- Print markings for authenticity of performance	<b>✓</b>

## ARLEY ARMA® **CK REFERENCE GUIDE**

Marley ARMA's fully featured solutions make ABOVE GROUND and BELOW GROUND selection quick and easy.

<b>Product Code</b>	Size	Pack
01.20HD.GY	20mm	80m (20 x 4m)
01.25HD.GY	25mm	40m (10 x 4m)
01.32HD.GY	32mm	40m (10 x 4m)
01.40HD.GY	40mm	24m (6 x 4m)
01.50HD.GY	50mm	24m (6 x 4m)

<b>Product Code</b>	Size	Pack
01.20HD.OR	20mm	80m (20 x 4m)
01.25HD.OR	25mm	40m (10 x 4m)
01.32HD.OR	32mm	40m (10 x 4m)
01.40HD.OR	40mm	24m (6 x 4m)
01.50HD.OR	50mm	24m (6 x 4m)





















■ ABOVE GROUND





PROTECTION UNDERGROUND



**TEMPERATURE** RANGE

HIGH GLOSS

COLOUR MATCH

FITTING RANGE

**QUALITY OF** CUT

**BELOW GROUND** 













































3 5 7

MARLEY ARMA BELOW GROUND uPVC ELECTRICAL CONDUIT 25mm HD4431 -15/60 AS/NZS 61386 LIC 2755 Y/M/D Time 01.25HD.OR BARCODE

## PRODUCT AUTHENTICITY

Not all brands of rigid conduit in the market perform to the same level. For proof of intended performance, check the mandatory print requirements that are marked on the conduit.

- Manufacturer and/or brand name identification
- Designed specifically to protect electrical wiring
- Classification Rating
- Compression Duty Rating (Rating 4 = Heavy Duty)
- Impact Duty Rating (Rating 4 = Heavy Duty)
- Minimum Service Temperature rating (Rating  $3 = -15^{\circ}c$ )
- Maximum Service Temperature rating (Rating 1 = 60°c)
- T= UV Protection Long Term
- 9 New Manufacturing Standard
- 3<sup>rd</sup> party License Verification for the specific manufacturing site
- Exact date and time of manufacture and Marley item code for easy tracking

**IF IT'S NOT 4431 ASK WHY NOT?**