

Fastclip FD

Rail fastening system

- For general mainline track, secondary lines and lines carrying light traffic
- Works with concrete and steel sleepers
- For other applications please consult Pandrol

Application data (Standard products – special variants may differ)			
Rail inclination	As provided in the sleeper		
Pad type	Typically HDPE or EVA		
Typical applications	General main line		
Clip type	Pandrol Fastclip FD1300/FD1400 Series		
EN 13481-2 and -4 track category	Cat A	Cat B	For max axle load/radius please consult Pandrol
Maximum axle load*	130 kN	180 kN	
Minimum curve radius*	40 m	80 m	

* For special applications consult Pandrol.

Typical performance data* As identified by Track Category in EN13481-1				
	Cat A	Cat B	Test method	Remarks
Assembly static stiffness	>90 kN/mm	>100 kN/mm	EN 13146-9:2011	Dependent upon pad selection
Assembly dynamic stiffness	>100 kN/mm	>110 kN/mm	EN 13146-9:2011	
Impact load attenuation	≤ 30%		EN 13146-3:2012	
Electrical insulation	>5 kΩ		EN 13146-5:2012	
	FD1300 Series	FD1400 Series		
Nominal toe load	750 kgf	850 kgf	Clip driving feature	
Clamping force	>13 kN	>15 kN	EN 13146-7:2012	
Creep resistance	>7 kN	>7 kN	EN 13146-1:2012	

→ COMPLIANCE WITH STANDARDS

Pandrol Fastclip FD fastenings are fully compliant with the requirements of EN 13481-2:2012 and 13481-4:2012, for track categories A and B.

→ NOTE

Pandrol is a provider of innovative custom rail fastenings. Data in this document indicates typical performance. Actual performance is dependent on a range of external factors. Please contact us to discuss how Pandrol can tailor products to suit local operating conditions and specific requirements. Technical information in this document was correct at time of printing. Improvements may since have been introduced as a result of our continuous research and development programmes.

Learn more



Contact

t. +44 (0)1932 834500
 e. info@pandrol.com
 www.pandrol.com

2019