



d-flexx



# Tender Text

## ECHO Modular Traffic Barrier



Tested Impact Energy  
according to PAS13

**61.500 Joule**

At 22.5° Impact, 4.9 km/h  
(3,04 mph) and 4.320 kg (9524 lbs)  
on a C20/25 concrete floor and  
force to bolt at 21 kN..

Traffic barrier with integrated handrail to separate and protect people, buildings and asset from vehicles and optimize pedestrian behaviour. Barriers must be produced in nontoxic polymer (PE) post in Ø200mm with integrated buffer pipe technology, barrier rail in Ø160mm and 3/4 beams in Ø63mm. The mounting foot in 12µm powder coated steel. For safety reasons the primary colour must be Yellow RAL1018. Chemical resistance must be High according to ISO/TR 10358. The traffic barrier must be operational within the temperature range of -40° to +50° Celsius. The impact absorption at 90° must handle 9.000 Joules with a force to bolt at 21 kN in C20/25 non-cracked industrial grade concrete floor. Barriers must be delivered pre-assembled to reduce installation time limited to drill 4 holes, 1 locking pin, 3 beams and barrier assembled 4 bolt per post. The barrier must have a minimum warranty of 5 years.