

The logo for d-flexx, featuring the brand name in a bold, lowercase, sans-serif font inside a yellow rounded rectangle with a black border.

# Tender Text

## CHARLIE Modular Traffic Barrier

Tested Impact Energy  
according to TÜV

**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 to separate and protect people, buildings and asset from vehicles. Barriers must be produced in nontoxic polymer (PE) post in Ø200mm with integrated buffer pipe technology and barrier rails in Ø160mm. 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 and certified according to TÜV STH-ZE-KSP-VA-320 based on the code of practice for safety barriers PAS13:2017 ISBN 978 0 580 87605 9. 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 and barrier assembled with 2 bolt per post. The barrier must have a minimum warranty of 5 years.