



REPORT

# Testing and Certification of Naylor C1 160mm Cable Ducts to ENATS 12/24 Issue 2021

Private and Confidential

Prepared for: Naylor Industries  
PLC

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Classification: Confidential

## Version History

Date	Version	Author(s)	Notes
27/06/2024	Issue 1	Sara Griffiths	First Issue

## Final Approval

Approval Type	Date	Version	EA Technology Issue Authority
Final	01/07/2024	Issue 1	Jeff Robertson

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**Certificate No: A3122\_5**

**Project: Cable Ducts User Spec ENATS 12/24 Issue 2021**

**Client: Naylor Drainage Ltd.**

**Date: 1<sup>st</sup> July 2024**

This certificate is issued to NAYLOR INDUSTRIES PLC to certify that the undersigned testing facility did, at their request complete the performance tests stipulated below on the following products:

1. Cable duct description:  
Polyvinylchloride, nominal outside diameter 160mm, Class 1, rigid and non coilable
2. Standard Reference:  
Technical Specification for plastic ducts for buried electric cables, Cable Duct User Spec ENATS 12/24 Issue 2021.
3. The following tests were completed:

Routine Test	Sample Test	Type Test
1. Construction	1. Dimensions	1. Marking and documentation
	1.1 - Inside diameter	2. Duct Assembly, by other means than threads
	1.2 - Ovality	3. Degree of protection
	1.3 - Length	4. Vicat softening test
	2. Compression test: Resistance to deformation at 23°C	5. Static friction coefficient test
	3. Impact test at -5°C	6. Resistance to deformation at 75°C (Class 1)
	4. Heat Reversion	

4. All results of tests stated in paragraph 3 are included in the client test schedule. The annexes mentioned in the test schedule are supporting documentation.
5. The results of the mentioned tests were found to be within the requirements of the Technical Specification for plastic ducts for buried electric cables, Cable Duct User Spec ENATS 12/24 Issue 2021.

Sara Griffiths  
Materials Lab Technician  
EA Technology Ltd

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