



MALAYSIAN STANDARD

MS 1390-1:2023

Glass-fibre reinforced polyester panels and panel water tanks - Part 1: Specification (Second revision)

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Committee representation

The National Standards Committee on Plastics and Plastics Products (NSC 10) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
Malaysian Institute of Chemistry
Malaysian Plastics Manufacturers Association
Malaysian Rubber Board
Ministry of Domestic Trade and Costs of Living
Ministry of Health
Ministry of Investment, Trade and Industry
National Water Services Commission
Plastics and Rubber Institute of Malaysia
SIRIM QAS International Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Kuala Lumpur
Universiti Pertahanan Nasional Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Plastic Tanks (NSC 10/TC 5) which developed this Malaysian Standard consists of representatives from the following organisations:

BNH Manufacturer Sdn Bhd
Department of Standards Malaysia (Secretariat)
Lotte Chemical Titan (M) Sdn Bhd
MU FATT Group
National Water Services Commission
Perbadanan Bekalan Air Pulau Pinang Sdn Bhd
PETRONAS Chemical Sdn Bhd
Pipeco Tanks Malaysia Sdn Bhd
Potaglas Malaysia Sdn Bhd
Selangor Rubber Factory Sdn Bhd
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Department)
SIRIM QAS International Sdn Bhd (Testing Services Department)
Spirolite (M) Sdn Bhd
Universiti Pertahanan Nasional Malaysia
Universiti Teknologi MARA
Weida Integrated Industries Sdn Bhd

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Foreword

This Malaysian Standard was developed by the Technical Committee on Plastics Tanks (NSC 10/TC 5) under the authority of the National Standards Committee on Plastics and Plastics Products (NSC 10).

This second revision of MS 1390-1, cancels and replaces MS 1390:2010, *Specification for glass-reinforced polyester panels and panel water tanks*.

Major modifications in this revision are as follows:

- a) in the revision of this standard, SS 245:2014, *Specification for glass reinforced polyester sectional water tanks* has been referred to; and
- b) the references for glass-fibre reinforcement has been updated.

MS 1390 consists of the following parts, under the general title, *Glass-fibre reinforced polyester panels and panel water tanks*.

Part 1: Specification

Part 2: Guidance for the assessment of conformity

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.