

HY-SPEC® 25

Version No.1

Revision Date:
20/05/2019

Page 1 of 2

DESCRIPTION

HY-SPEC® 25 is a neutral cure, solvent free, one part, moisture cure, low modulus hybrid based on Hodgson Hybrid Polymer Technology.

KEY FEATURES

Solvent & Isocyanate free.

Excellent tooling properties.

Excellent primerless adhesion to most substrates.

Low residual tack.

Low odour, user friendly.

Weatherable and UV stable.

High strength & Permanantly flexible.

Extended open time, for tooling.

High movement capacity.

Paintable.

Gunnable at +5 to +40°C

Excellent storage stability.

USES

Perimeter sealing of door and window frames.

Sealing between dissimilar materials such as; uPVC, aluminium, composite and timber frames into masonry, brick and plaster walls.

Sealing of construction joints where movement can occur.

Paintable low modulus sealant, for internal and external use.

LIMITATIONS

Do not use for aquaria construction.

Do not use with plastics such as; PP, PE, PTFE or other low surface energy materials.

Not for use with bitumen, marble or natural stone.

Not suitable for bedding Insulating Glass Units.

PERFORMANCE

Classification: EN15651-1: F-INT-EXT: CLASS-25 LM.
ISO11600 F 25LM

See DoP No: DOP2019-1-HYSPEC 25

HYSPEC® 25

Version No. 1

Revision Date:
20/05/2019

Page 2 of 2

<p>Adhesion: Excellent.</p> <p>Movement Accomodation: ± 25%</p> <p>Base technology: Hodgson Hybrid Polymer.</p> <p>Chemical Resistance: Good.</p> <p>Curing system: Moisture Cure</p> <p>Hardness: Shore A = 33 ±5</p> <p>Skin formation: 55 min @ 23°C / 50% RH.</p> <p>Paintability: Paintable with most paints, alkyd based paints may slow curing (testing is recommended).</p>	<p>Density: 1.42g/ml</p> <p>Curing rate: 3mm / 24hours</p> <p>Tensile strength: 1.3 N/mm²</p> <p>Service temperature range: - 40°C to +80°C</p> <p>Slump: Non-sag</p> <p>UV resistance: Excellent</p>
<h3>APPLICATION</h3>	
<p>PROPERTIES</p> <p>Application temperature range: + 5°C to + 40°C</p> <p>Shelf life: 12 months</p>	<p>Skinning time: 55 minutes</p> <p>Working time: 50 minutes</p>
<h3>INSTRUCTIONS</h3> <p>Surface preparation: All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. Most substrates only require priming if testing indicates it is needed. Apply using a skeleton gun into the joint ensuring good contact with surfaces. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed.</p> <p>Tooling: Tool immediately after application, within the working time for the product.</p>	
<h3>EQUIPMENT</h3> <p>A selection of hand & air operated guns is available for cartridge application including a high power type especially suitable for filling deep voids.</p>	
<h3>PACKAGING</h3> <p>310ml cartridges – 25 per box. Colours: White, Brown, Grey, Black and Anthracite.</p>	
<h3>HEALTH AND SAFETY</h3> <p>Non-flammable. Wash hands immediately after use.</p> <p>See Product Safety Data Sheet for further information.</p>	
<h3>GENERAL</h3> <p>HY-SPEC® 25 is part of a full range of specialty sealants designed for the professional user. For further information please contact our Customer Care Team or visit our Website.</p>	

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.