

## DEPARTMENT OF TRADE AND INDUSTRY

NO. 172

02 MARCH 2018

**NATIONAL REGULATOR FOR COMPULSORY SPECIFICATIONS ACT  
(Act No 5 of 2008), AS AMENDED THROUGH THE LEGAL METROLOGY  
ACT (Act No 9 of 2014)****THE PROPOSED COMPULSORY SPECIFICATION FOR POLYMER FILM  
FOR DAMP-PROOFING AND WATERPROOFING IN BUILDINGS**

It is hereby made known under section 13(4) of the National Regulator for Compulsory Specifications Act, (Act 5 of 2008), that the Minister of Trade and Industry, intends to promulgate a compulsory specification for Polymer film for damp-proofing and waterproofing in buildings (VC 9106), as set out in the attached Schedule.

Any person who wishes to comment on the intention to promulgate the compulsory specification concerned, may submit their comments in writing, to the Chief Executive Officer, National Regulator for Compulsory Specifications, Private Bag X25, Brooklyn, 0075, on or before the date two (2) months after the publication of this notice.



**Dr Rob Davies, MP**

**Minister of Trade and Industry**

## SCHEDULE

### VC 9106

#### THE COMPULSORY SPECIFICATION FOR POLYMER FILM FOR DAMP-PROOFING AND WATERPROOFING IN BUILDINGS

##### 1. Scope

This compulsory specification specifies requirements for Polymer film for damp-proofing and waterproofing in buildings (herein after referred to as Polymer film) in accordance with the scopes of **SANS 952 parts 1 and 2**, *Polymer film for damp-proofing and waterproofing in buildings*.

##### 2. Normative references

The following documents are mandatory for the application of this compulsory specification:-

**2.1** National Regulator for Compulsory Specifications Act, 2008 (Act No. 5 of 2008), as amended as amended through the Legal Metrology Act (Act no. 9 of 2014);

**2.2** Regulations in terms of section 36 of the National Regulator for Compulsory Specifications Act, 2008 published in Government Notice No. R. 924 (Government Gazette No. 33615) of 15 October 2010;

**2.3** The NRCS's Conformity Assessment Policy (NRCS- CPO 112);

**2.4** **SANS 952-1**, *Polymer film for damp proofing and waterproofing in buildings, Part 1: Monofilament and co-extruded products*; and

**2.5** **SANS 952-2**, *Polymer film for damp proofing and waterproofing in buildings, Part 2: Laminated (non-woven) products, as applicable to the type of the Polymer film*.

### 3. Definitions

3.1 The definitions in **SANS 952 parts 1 and 2**, *Polymer film for damp-proofing and waterproofing in buildings* apply for the purposes of this compulsory specification.

3.2 In addition, the following definitions apply:-

**3.2.1 Approval:** confirmation by the NRCS that a particular supplier (manufacturer/importer) of a type of Polymer film satisfies the requirements of this compulsory specification;

**3.2.2 Applicant:** a manufacturer or importer of a type of Polymer film who must be an established legal business entity within the Republic of South Africa;

**3.2.3 Conformity Assessment Body:** An accredited body that performs conformity assessment services such as testing, inspection and certification against the requirements of SANS 952 parts 1 and 2;

**3.2.4 Conformity of Production:** measures put in place by an Applicant to ensure that subsequent products continue to meet and conform to the approved type and to monitor that these arrangements continue to be effective during the life of the approval;

**3.2.5 A Letter of Authority certificate:** as defined in section 1 of the National Regulator for Compulsory specifications Act of 2008 (Act No. 5 of 2008) as amended through the Legal Metrology Act (Act no. 9 of 2014); and issued in accordance with Annexure A of this compulsory specification.

**3.2.6 NRCS:** the National Regulator for Compulsory specifications as established by the NRCS Act, 2008 (Act No. 5 of 2008) as amended through the Legal Metrology Act (Act no. 9 of 2014);and

**3.2.7 Type of film:** Polymer film of the same construction materials, dimensions and type designation.

#### 4. Specific requirements

4.1 Polymer film for damp-proofing and waterproofing in buildings must comply with the latest editions of **SANS 952-1**, *Polymer film for damp proofing and waterproofing in buildings, Part 1: Monofilament and co-extruded products*; and **SANS 952-2**, *Polymer film for damp proofing and waterproofing in buildings, Part 2: Laminated (non-woven) products, as applicable to the type of the Polymer film*.

4.2 Annexures A in **SANS 952 -1** and **SANS 952 -2** are excluded for the purposes of this compulsory specification.

4.3 Each type of Polymer film must be approved in accordance with the requirements of Annexure A of this compulsory specification before it is imported, sold, or supplied in the Republic of South Africa.

4.4 Polymer film must be manufactured to conform to the type approved under this Compulsory specification. A manufacturer or importer must control production and conduct routine testing in accordance with Annexure B of this compulsory specification to continuously verify that this condition is met.

4.5 In addition to the markings required on the label of each packaged roll of Polymer film in **SANS 952-1** and **SANS 952-2** as applicable, the label must also be marked prominently and legibly with the NRCS approval number in the following format:

**“NRCS/9106/NRCS CUSTOMER NUMBER/SEQUENTIAL NUMBER”**

4.6 An applicant must inform the NRCS of any change(s) in the constructional changes affecting any mandatory requirement of this compulsory specification and/or the conditions of approval. In the event of such change(s), the NRCS may at its discretion, demand the submission of new evidence of conformity or a new application for approval.

## **5. Transitional arrangements regarding conformity to referenced South African National Standards (SANS)**

**5.1** For the purposes of this compulsory specification, a new edition of a referenced SANS shall become effective six months from the date of publication.

**5.2** When a new edition of a referenced SANS is published, products originally approved in accordance with the previous edition of that standard may have their approval extended for up to a year from the effective date of the new standard, subject to the requirements of Annexure A of this compulsory specification, unless declared otherwise by the Minister.

**ANNEXURE A**  
**(Normative)**

**THE APPROVAL OF POLYMER FILM FOR DAMP PROOFING AND WATERPROOFING IN BUILDINGS**

**A1. Application for approval**

**A1.1** An applicant must apply to the NRCS for approval of a type of Polymer film by completing and submitting a prescribed application form that shall be obtained from the NRCS.

**A1.2** The application form referred to in A1.1 shall be accompanied by the following:-

**A1.2.1** details of the manufacturing plant(s) where the Polymer film is produced stored and distributed from; or the physical address where the imported products are received, stored and distributed from;

**A1.2.2** information on the composition, type designation and usage of the Polymer film;

**A1.2.3** evidence of conformity, including a test report issued not more than 12 months before the date of submission to the NRCS, by a testing laboratory recognised in by NRCS in terms of the NRCS's Conformity Assessment Policy;

**A1.2.4** information to the satisfaction of the NRCS regarding the implementation of Conformity of Production and routine testing including a sampling plan according to Clause C.2 of Annexure C of SANS 952 -1 and SANS 952-2; as applicable to the type of Polymer film;

**A1.2.5** a sample of the type of Polymer film together with the packaging and label in which it is to be supplied, including an indication on the label of the intended position of the Approval Number referred to in clause 4.5 of this compulsory specification.

**A1.2.5** proof of payment of fees that are applicable for this compulsory specification; and

**A1.2.6** any additional information relevant to the application for clarification purposes, as may be requested by the NRCS.

## **A2. The issuance of approval**

**A2.1** The NRCS shall grant approval for application submitted in accordance with A1 when satisfied that:-

**A2.1.1** the type of type of Polymer film meets the requirements of this compulsory specification;

**A2.1.2** there are satisfactory arrangements for the effective control of the conformity of production in accordance with the provisions of Annexure B of Compulsory specification; and

**A2.1.2** all applicable fees have been paid in full.

**A2.2** The NRCS shall assign a unique Approval Number to each approved type of Polymer film to be marked on the label of the related type of Polymer film in accordance with clause 4.5 of this compulsory specification.

**A2.3** The NRCS shall confirm approval against the requirements of this VC by issuing to the applicant, a Letter of Authority certificate bearing the unique Approval Number referred to in A2.2 of this compulsory specification.

**A2.4** The NRCS may withdraw the approval granted to the applicant for a type of Polymer film granted in accordance with this compulsory specification, by notifying the applicant in writing, if the requirements have not been met or the approval conditions have not been maintained.

**ANNEXURE B:  
(Normative)**

**CONFORMITY OF PRODUCTION AND ROUTINE TESTS**

**B1. The responsibilities of the applicant specific to the assessment of Conformity of Production (COP):**

In agreement with the NRCS, the applicant or an appointed Conformity Assessment Body (CAB) shall carry out conformity control on a statistical sampling on basis:

**B1.1** the applicant must conduct routine tests for each type Polymer Film determined in accordance with clause C.2 of Annexure C of **SANS 952 -1** or **SANS 952-2**, as applicable to the type of film, and record the results of the tests to demonstrate continued conformity with specified requirements of this compulsory specification;

**B1.2** analyse the routine test results of each type of test in order to verify and ensure the conformity of production of each type of Polymer film, making allowances for the variations experienced industrial production; and

**B1.3** take and test further samples in the event where test results show non-conformity with to the tests concerned and take necessary steps to restore conformity of the corresponding production and prevent the sale of non-compliant products.

**B2. The duties of the NRCS specific to the assessment of COP:**

**B2.1** The NRCS may at any time assess the effectiveness of the conformity of production arrangements.

**B2.2** An inspector may select samples for laboratory testing upon suspicion of non-conformance of the control of production.

**B2.3** For the production to be considered to conform, tests carried out at a random basis must meet the sampling requirements in table 1 below:

**Table 1: Sampling requirements and type of tests:**

| Tests to be conducted  | Sample size   | Non-compliance criteria   |
|--|---|---|
| Determination of measurement and dimensions (thickness, width and length)                | As required in Regulations under the Legal Metrology Act of 2014 (Act No. 9 of 2014).   | As required in Regulations under the Legal Metrology Act of 2014 (Act No. 9 of 2014). |
| Determination of compositional, mechanical, and physical properties of the Polymer film. | Randomly determined based on lot sizes using appropriately defined criteria to ensure that they are representative of the lot, i.e. taken at random, evenly and throughout. | One non-compliant item.   |
| Marking and packaging requirements   | As required in Regulations under the Legal Metrology Act of 2014 (Act No 9 of 2014).  | One non-compliant item.   |
|  | Randomly determined based on lot sizes using appropriately defined criteria to ensure that they are representative of the lot, i.e. taken at random, evenly and throughout. |   |