

Certificate Annex

NORDIC CERTIFICATION OF ROAD MARKING MATERIALS

PRODUCT INFORMATION

Material ID:	TPXW23-82 NO	Producer:	Excellent Road Markings AB
Material type:	Thermoplastic extrusion/screed		Storvägen 72
Colour of material:	White		SE-123 45 Småköping Sweden

ANNEX CONTENT

- Manufacturer's declaration of constituents, verified* by the initial type testing (ITT) according to EN 12802 of the material sample taken when the material was applied at the test field.
- IR spectra** from the ITT according to EN 12802 of the material sample taken when the material was applied at the test field of:
 - Binder (in thermoplastics, paint and cold plastics)
 - Pigment and inorganic materials (in thermoplastics, paint and cold plastics)

*) According to the tolerances defined in EN 12802:2011

***) Reproduced from the original test report with permission from Silniční vývoj - ZDZ spol. s r.o.

VALIDITY

The Certificate Annex is valid provided that the material, identified by its Material ID, holds a valid NordicCert Certificate. The Certificate Annex is valid only when presented in its complete and unaltered form. The Certificate Annex shall have four pages

1. Annex title page,
2. Manufacturer's declaration of constituents,
3. IR spectrum of the binder(s),
4. IR spectrum of pigment and inorganic materials.

Page number, Material ID and Date of issue shall be present on all four pages. The Certificate Annex is secured with an electronic seal through which the authenticity of the document can be verified (page 5, without page number and Material ID).

Further information can be found in the document *Nordic certification system for road marking materials* which is available at www.nordiccert.com. The certificate is issued by NordicCert, a joint venture by Ramboll and VTI.

Date of issue: 2026-02-18



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Nordic Certification of Road Marking Materials

Manufacturer's declaration of constituents

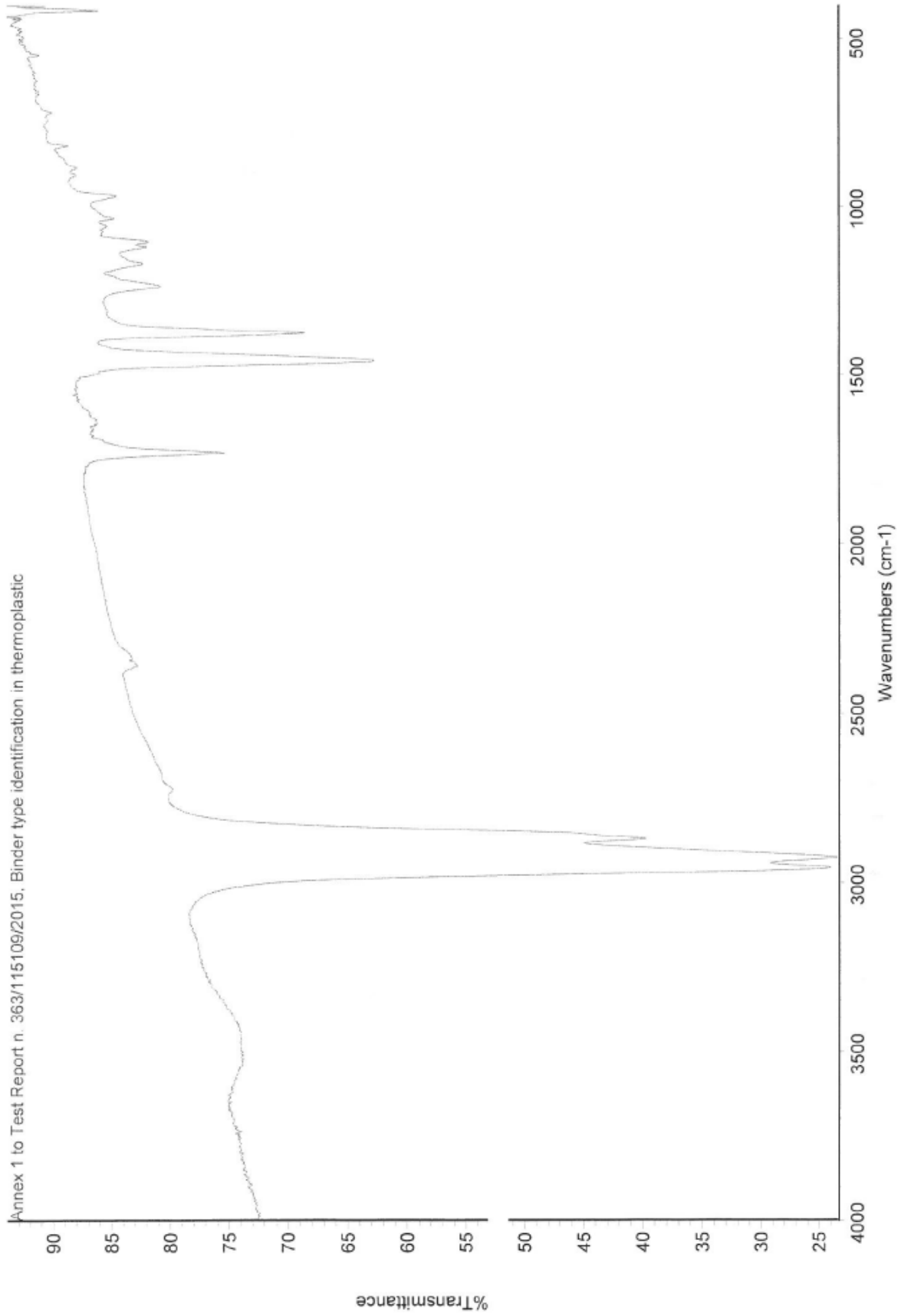


Company			
Manufacturer:	Excellent Road Markings AB		
Contact person:	Anna Persson		
Phone:	0701-12 34 56		
E-mail:	anna.persson@exroma.se		
Material			
Name of material:	Excellent Material 234		
Material type:	<input checked="" type="checkbox"/> Thermoplastic <input type="checkbox"/> Cold plastic <input type="checkbox"/> Waterborne paint <input type="checkbox"/> Other		
Date of production:	2023-05-30		
Batch number:	2023-32-417A		
Test site:	<input type="checkbox"/> Denmark <input checked="" type="checkbox"/> Norway-Sweden	Year:	2023
Position at test site (<i>To be filled in by the administration of the road trials</i>):			
Constituents			
Density [g/cm ³]: <i>Only relevant for waterborne paint</i>	Insert text here.		
Solids content [w.-%]: <i>Only relevant for waterborne paint</i>	Insert text here.		
Binder content [w.-%]: <i>Including other organic constituents such as organic pigments but excluding solvent</i>	17.2%		
Titanium dioxide content [w.-%]: <i>Given in relation to total mass</i>	5.4%		
Type of titanium dioxide: <i>Purity [%] and type (rutile or anatase)</i>	Rutile, 95%		
Type of binder: <i>Type (alkyd, C5/C9-hydrocarbon), any plasticizer, other additives</i>	Rosin ester, C5		
Type of pigment and inorganic substance: <i>For example: titanium dioxide, dolomite, sand, talc.</i>	Titanium dioxide, dolomite		
Glass bead content [w.-%]: <i>Only relevant for thermoplastics and cold plastics (Content of glass beads, anti skid aggregates and coarse particles insoluble in HCl)</i>	48%		
Signature			
Place and date:	Småköping 2023-08-14		
Signature:			
Clarification of signature:	Anna Persson		

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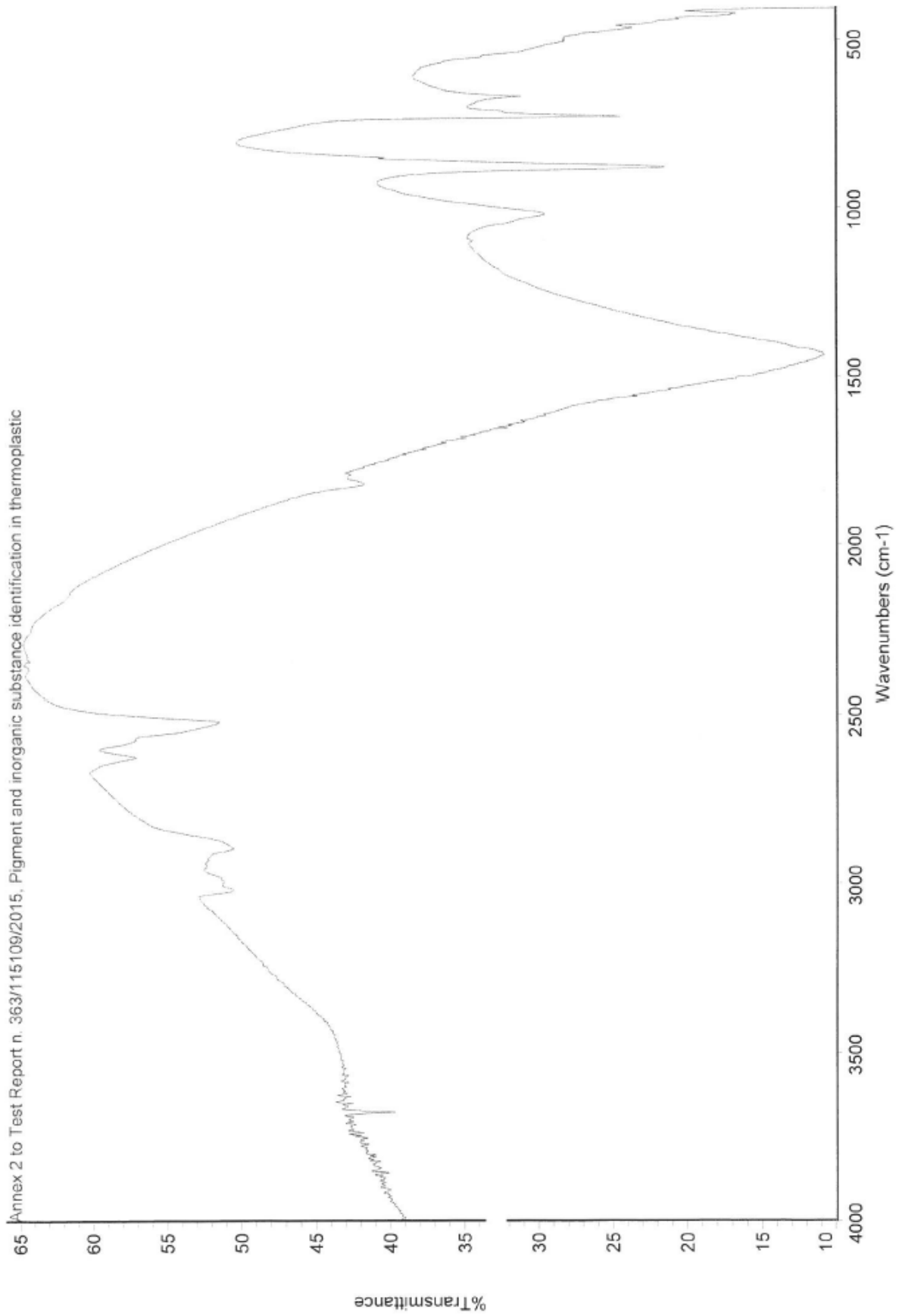
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Electronic signatures and seals

This page contains information about electronic signatures and seals that has been attached to the document. For each signature and seal there is conclusive evidence (i) who created it, (ii) when it was created, and (iii) and that the document has not been changed after this point in time.

The authenticity of the document can be verified at <http://BrandSign.com/Verify>



Based on a power of attorney in Brandsign

Signatures and seals created with Brandsign complies with the standard requirements for advanced electronic signatures and seals as they are defined in EU Regulation 910/2014, and most other national laws worldwide. An electronic seal is the same thing as an electronic signature, except that it is created by a legal person and not a natural person.

BankID: If a signature contains a logotype for BankID, Brandsign identified the person through this service at the given date. At the same time, Brandsign ensured that the document was shown to the person in its final form.

El. Signature by Representative: The signature has been created by a natural person as a representative for a legal person.

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