

CERTIFICAT DE CONFORMITE CE

① 1423 – CPD – 06-FM-001

Dans le cadre de la Directive 89/106/CEE du Conseil des Communautés Européennes du 21 décembre 1988, relative au rapprochement des dispositions législatives, réglementaires et administratives des Etats Membres concernant les produits de construction (Directive Produits de Construction – DPC), modifiée par la Directive 93/68/CEE du Conseil des Communautés Européennes du 22 juillet 1993, il a été établi que le produit de construction :

Produits de saupoudrage

(Microbilles de verre, granulats antidérapants et mélange de ces deux composants avec une granularité de 38 µm à 1700 µm conforme à ISO 565 R40/3.

② un indice de réfraction classe A, $n \geq 1.5$
avec traitement silicone / silane ③

mis sur le marché par

W.E.I.S.S.K.E.R Gmbh
Schönfelder Straße 6
07973 Greiz

et fabriqué dans l'usine

OOO Dorsteklo GmbH

④ Werk GUS : Kurlovskaya Straße 14b, 601500 GUS-Khrustalny
Werk KLIN : Volokolamskoje Chaussee 44, 141600 KLIN-Moskauer Gebiet

est soumis par le fabricant à un contrôle de la production en usine ainsi qu'à des essais complémentaires d'échantillons prélevés dans l'usine selon un plan d'essais prescrit et que l'organisme notifié – StrAus-Zert - a réalisé les essais de type initiaux relatifs aux caractéristiques concernées du produit, l'inspection initiale de l'usine et du contrôle de la production en usine, et réalise la surveillance continue, l'évaluation et l'acceptation du contrôle de la production en usine.

Ce certificat atteste que toutes les dispositions concernant l'attestation de conformité et les caractéristiques du produit décrites dans l'ATE ou l'Annexe ZA de la norme

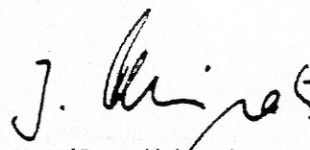
EN1423:1997 + A1:2003,

furent appliquées et que le produit satisfait toutes les exigences prescrites.

Ce certificat fut délivré le 1. mars 2006 et demeure valide tant que les conditions précisées dans la spécification technique harmonisée de référence ou les conditions de fabrication en usine ou le contrôle de la production en usine lui-même ne sont pas modifiés de manière significative.

⑤

Hagen, le 1 mars 2006


Jürgen Heimsath
Dipl.-Ing., Dipl.-Wirtsch.-Ing.
Leiter StrAus-Zert



M.E.T.-DIVISION DU CONTROLE TECHNIQUE

D.425 27 AVR. 2007

Date:

Dossier: A105-61-SoV-1

N° Entrée: 00624

Steinhausstraße 79, 58099 Hagen

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EC-Certificate of Conformity

No. 0780-CPD – 65021

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Product Directive – CPD), amended by the Directive 93/68/EEC of 22 July 1993, it has been stated that the construction products

**Glass beads, sieve fraction 0/710 µm
for the use as drop-on materials for road marking in traffic areas**

placed on the market by

**Langfang Wanda Glass Microsphere Co., Ltd.
No. 136, Guangming East Road
Langfang City – Hebei Province - China**

and produced in the factory

Langfang Wanda Glass Microsphere Co. Ltd. – Hebei Province, China

are submitted by the manufacturer to a factory production control including testing of samples according a prescribed test plan and that the approved Testing, Inspection and Certification Body - No. 0780 CPD -

LGA Bautechnik GmbH

has performed the initial type-testing for the relevant characteristics of the products, the initial inspection of the factory and the factory production control on 14.09.2005 and performs the regular inspection, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the harmonised standard

EN 1423: 1997 + A1: 2003

were applied and that the products fulfil all the prescribed requirements.

This certificate was first issued on 24.01.2006 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the factory production control itself are not modified significantly or latest till 31.12.2008.



Nürnberg, 24.01.2006

Dipl.-Ing. Karl-Heinz Störlein
Head of Certification Body

TEC International Ltd.

The leading manufacturer of glass beads for road marking in China



Production Capacity:
over 25,000MT per year

Heavy Metal Content:
As, Sb, Pb, Hg, CdO, Cr⁶⁺
Comply with the new standards of
EU, USA, AS/NZ, etc.

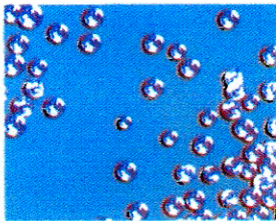
Type of Products:

1/ Dual-coated with Silicone and Silane:

- Using serial function coating materials
- Producing different function films on the surface of the glass beads
- Matching to different kinds of binders or paints: waterborne and solvent-based traffic paints, thermoplastic, epoxy, polyurea, polyurethane, methacrylates, VOC-compliant paints, etc.
- Enhancing the adhesion between the glass beads and the binders and paints, at the same time the glass beads are moisture-proof.

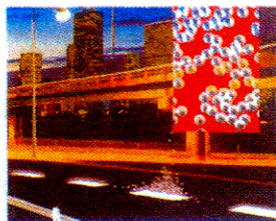
2/ Single-coated with Silicone: Moisture-proof

3/ Uncoated: regular glass beads.



Standards of Products:

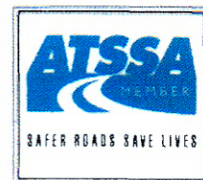
- AASHTO M247-81 Type I & Type II
- GB-03
- BS6088 Class A & Class B, 1981
- BS EN 1423 & 1424,1998
- AS / NZS 2009: 2002
- MOC, KSA
- JIS R3301



Recommendation: H-Beads

H-beads are much larger than conventional glass beads. They stand higher above the surface of the line than conventional beads and provide superior wet weather night reflectorization and visibility of highway and pavement markings.

Distributors/Agents/Partners are wanted.



tuv
CERTIFICATE

The TÜV SÜD Group
CERTIFICATE
No. 10000000000000000000
The following product is certified according to the requirements of the following standards:
EN 1423:2004
EN 1424:2004
The certificate is valid for the following products:
Glass beads for road marking
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Glass beads for road marking
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Glass beads for road marking



Declaration of Conformity

Order No : EPT-S0512122

Issue date: December 15, 2006.

In accordance with the following Applicable Directives

The Construction Products Directive 89/106/EEC

The device, as described herewith, was tested pursuant to applicable test procedure and complies with the requirements of

EN1423-1998+A1: 2003

EN1424-1998+A1: 2003

Applicant: Yongqing Ninghua Glass Beads Co., Ltd.
Jiangpu Village, Caojiawan Town, Yongqing County, Hebei
Province

Product: GLASS BEADS

Model number: EN-1423, EN-1424

Rating/Technical: -

The tests were performed at normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out.

This certificate applies specifically to the sample investigated in our test reference number only.

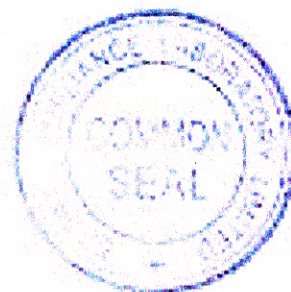
The CE markings as shown below can be affixed on the product after preparation of necessary technical documents.

Other relevant Directives have to be observed.



Authorized by:


Ekza Chen



Eport Compliance Laboratory Limited

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Guangdong Province, China

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