CERTIFICATE NO: TCI-PC-025-2023

CERTIFICATE FOR

PRODUCT CERTIFICATION SCHEME

Based on an audit and signed contract agreement,
TRANS CERTIFICATION & INSPECTION (TRANS),
it is hereby certified that

NAME AND ADDRESS (CERTIFICATE HOLDER)
PERFECT READYMIX (MELAKA) SDN BHD
No. 1 & 2, Jalan Seri Mutiara 2,
Pusat Komersial Seri Mutiara,
73400 Gemas,
Negeri Sembilan.

NAME AND ADDRESS (MANUFACTURER)
PERFECT READYMIX (MELAKA) SDN. BHD. (KEM GEMAS SITE PLANT)
Rkat Kem Syed Sirajuddin,
73400 Gemas,
Negeri Sembilan.

PLANT IDENTIFICATION
PRM-05-D-02

has complied with the requirements specified in the

MS EN 206: 2016, CIS 21: 2018 and the Certification Scheme Requirement of TRANS

under the Product Certification License Scheme

Validity Period**:**
This certificate is valid from **(*25/03/2024*)** to **(*24/03/2025*)**
Issue 1: Certified since *25/03/2024*
The validity of Certificate is subject to regular surveillance audits.

TRANS CERTIFICATION & INSPECTION SDN. BHD. 1257088-T

Authorised by:

NURFARISHA SHAFIQA BINTI ZAINAL
MANAGING DIRECTOR

TRANS CERTIFICATION & INSPECTION SDN BHD,
(NO : 1257088 - T)
B30, Tingkat 1, Jalan IM 2/5, Bandar Indera Mahkota,
25200 Kuantan, Pahang. MALAYSIA
Tel: 609-5751333

E : info@transcert.com.my | **W** : www.transcert.com.my

CERTIFICATE NO: TCI-PC-025-2023

Certification Mark:

BRAND: N/A

Particulars of Producer's Concrete Code		
Concrete Code	G15N	G20N
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C12/15	C16/20
Water/cement ratio	0.74	0.66
Slump	75 ± 25 mm	75 ± 25 mm
Minimum cement content, kg/m³	250	260
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture	RS233 – Retarding Admixture

Particulars of Producer's Concrete Code		
Concrete Code	G25N	G30N
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C20/25	C25/30
Water/cement ratio	0.60	0.54
Slump	75 ± 25 mm	75 ± 25 mm
Minimum cement content, kg/m³	295	325
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture	RS233 – Retarding Admixture

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Version/Date: 2.0/02.05.2023

CERTIFICATE NO: TCI-PC-025-2023

Particulars of Producer's Concrete Code		
Concrete Code	G35N	G40N
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C28/35	C32/40
Water/cement ratio	0.48	0.46
Slump	75 ± 25 mm	75 ± 25 mm
Minimum cement content, kg/m³	350	400
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233– Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

Particulars of Producer's Concrete Code		
Concrete Code	G45N	G50N
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C35/45	C40/50
Water/cement ratio	0.43	0.40
Slump	75 ± 25 mm	75 ± 25 mm
Minimum cement content, kg/m³	430	460
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

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Particulars of Producer's Concrete Code		
Concrete Code	G15P	G20P
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C12/15	C16/20
Water/cement ratio	0.74	0.66
Slump	100 ± 25 mm	100 ± 25 mm
Minimum cement content, kg/m³	250	280
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

Particulars of Producer's Concrete Code		
Concrete Code	G25P	G30P
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C20/25	C25/30
Water/cement ratio	0.60	0.54
Slump	100 ± 25 mm	100 ± 25 mm
Minimum cement content, kg/m³	310	340
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

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Particulars of Producer's Concrete Code		
Concrete Code	G35P	G40P
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C28/35	C32/40
Water/cement ratio	0.50	0.46
Slump	100 ± 25 mm	100 ± 25 mm
Minimum cement content, kg/m³	370	400
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

Particulars of Producer's Concrete Code		
Concrete Code	G45P	G50P
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C35/45	C40/50
Water/cement ratio	0.43	0.40
Slump	100 ± 25 mm	100 ± 25 mm
Minimum cement content, kg/m³	430	460
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

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Particulars of Producer's Concrete Code		
Concrete Code	G35A	C12/15 S2
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C28/35	C12/15
Water/cement ratio	0.45	0.60
Slump	75 ± 25 mm	50 - 90 mm
Minimum cement content, kg/m³	360	280
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture Real Crete WP - Permeability Reducing Admixture	RS233 – Retarding Admixture

Particulars of Producer's Concrete Code		
Concrete Code	C16/20 S2	C20/25 S2
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C16/20	C20/25
Water/cement ratio	0.55	0.55
Slump	50 – 90 mm	50 – 90 mm
Minimum cement content, kg/m³	300	325
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture	RS233 – Retarding Admixture

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Particulars of Producer's Concrete Code		
Concrete Code	C25/30 S2	C28/35 S2
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C25/30	C28/35
Water/cement ratio	0.50	0.46
Slump	50 – 90 mm	50 - 90 mm
Minimum cement content, kg/m³	350	370
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

Particulars of Producer's Concrete Code		
Concrete Code	C30/37 S2	C32/40 S2
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C30/37	C32/40
Water/cement ratio	0.47	0.45
Slump	50 – 90 mm	50 – 90 mm
Minimum cement content, kg/m³	390	415
Maximum aggregate size, mm	20	20
Type of production	Initial Production	Initial Production
Type of batching plant	Dry Batching Plant (D)	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

Source of cement : Hume Cement Sdn Bhd (PPS Reg. No.: 1160307PK0106)
Source of coarse aggregate : Gemenchech Granite Sdn Bhd (Gemencheh Quarry)
Source of fine aggregate : ID Marine Sdn Bhd (Sungai Muar Gemas)
Source of admixture : Real Point Sdn Bhd
Source of water : Syarikat Air Negeri Sembilan

End of list

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