CERTIFICATE NO: TCI-PC-006-2024-1

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 (PAHANG) SDN BHD
No. 1 & 2, Jalan Seri Mutiara 2,
Pusat Komersial Seri Mutiara,
73400 Gemas, Negeri Sembilan.

NAME AND ADDRESS (MANUFACTURER)
PERFECT READYMIX (PAHANG) SDN BHD
F&N AGRIVALLEY PASIR BESAR SITE PLANT 1
PT 3919 & LOT 12477,
Ladang Pasir Besar, Mukim Gemas, Tampin,
73400 Gemas, Negeri Sembilan.

PLANT IDENTIFICATION
PRP-05-D-01

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 (***10/10/2024***) to (***09/10/2025***)
Issue 1: Certified since *10/10/2024*
The validity of Certificate is subject to regular surveillance audits.

Authorised by:

TRANS CERTIFICATION & INSPECTION SDN. BHD. 1257088-T

NURFARISHA SHAFIQA BINTI ZAINAL
MANAGING DIRECTOR

This certificate is granted subject to the terms and conditions as stated in the Certification Agreement

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-006-2024-1

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	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	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	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	RS233 – Retarding Admixture

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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	0.50	0.46
Slump	75 ± 25 mm	75 ± 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	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/m^3	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/m^3	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	G30N (WP)	G35N (WP)
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C25/30	C28/35
Water/cement ratio	0.50	0.50
Slump	75 ± 25 mm	75 ± 25 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 IDROCRETE KR1000 – Waterproofing Admixture	RS233 – Retarding Admixture IDROCRETE KR1000 – Waterproofing Admixture

Particulars of Producer's Concrete Code		
Concrete Code	G30P (WP)	G35P(WP)
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C25/30	C28/35
Water/cement ratio	0.50	0.50
Slump	100 ± 25 mm	100 ± 25 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 IDROCRETE KR1000 – Waterproofing Admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture IDROCRETE KR1000 – Waterproofing Admixture

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Particulars of Producer's Concrete Code		
Concrete Code	G30 T1	G30 T2
Type of concrete	Designed Concrete	Designed Concrete
Compressive strength class	C25/30	C25/30
Water/cement ratio	0.54	0.52
Slump	125 ± 25 mm	175 ± 25 mm
Minimum cement content, kg/m³	340	355
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	G30 T3
Type of concrete	Designed Concrete
Compressive strength class	C25/30
Water/cement ratio	0.49
Slump	200 ± 25 mm
Minimum cement content, kg/m³	380
Maximum aggregate size, mm	20
Type of production	Initial Production
Type of batching plant	Dry Batching Plant (D)
Type of cement	Ordinary Portland Cement (CEM I 52.5N)
Type of admixture	RS233 – Retarding Admixture RF610 - Superplasticising Admixture

Source of cement : Hume Cement Sdn Bhd (PPS Reg. No.: 1160307PK0106)
Source of coarse aggregate : Hanson Quarry Products Sdn Bhd (Hanson Segamat Quarry)
Source of fine aggregate : ID Marine Sdn Bhd (Sungai Muar Gemas)
Source of admixture : Real Point Sdn Bhd
Source of water : Underground

End of list

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