Chinastandards.org

ICS 91.060.20
CCS P 35

CECS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR ENGINEERING CONSTRUCTION STANDARDIZATION

CECS 299-2011

Technical specification for application of foamed concrete of rural residential roof

乡村建筑屋面泡沫混凝土应用技术规程

(English Translation)

Issued on: June 28, 2011 **Implemented on: October 1, 2011**

Issued by: China Association for Engineering Construction Standardization

Preview: page 1 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-299-2011

Chinastandards.org

Table of Contents

[Preview only]
1 General Provisions
2 Terms and Symbols
2.1 Terms
2.2 Symbols
3 Materials
3.1 General Requirements
3.2 Determination of Estimated Strength of Concrete with Dilled Cores
3.3 Drilled Core Correction Method
4 Major Equipments
4.2 Tension Cable and Anchor
4.3 Load
4.4 Detailing requirements
4.5 Artificial Filling Foundation Treatment by Heavy Tamping
5 Structural Calculation
5.2 Analysis of Initial State of Form
5.3 Analysis of Effects under Loads
5.4 Analysis of Pattern Cutting
5.5 Construction Quality Control and Monitor
5.6 Environmental Protection
6 Processing of Core or Technical Requirements of Specimen
6.2 Connection between Membrane Materials
6.3 Connection between Membrane and Rigid Boundary
6.4 Connection between Membrane and Flexible Boundary
6.5 Painting
7 Test of Core Specimen and Calculation of Compressive Strength
7.2 Inspection items
7.3 Qualification judgment
7.4 Maintenance
8 Erection
8.1 Erection of Steel Members and Tension Cables
8.2 Erection of Membrane Elements

Preview: page 2 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-299-2011

8.3 Application of Pretension Force

8.4 Nondestructive Testing of Connection of Structural Steel Casting

8.5 Marking, Storage and Transport

9 Acceptance

1 Foreword

CECS 299-2011 was issued by China Association for Engineering Construction Standardization on 28 June 2011 and has been in force since 1 October 2011.

The CECS prefix marks a association standard of the engineering construction sector, adopted voluntarily.

The document runs to 25 pages in English translation.

2 Scope Preview

This standard applies to newly built, expanded or renovated country house roof insulation foam concrete engineering design, construction and acceptance.

CECS 299-2011 falls under ICS 91.060.20, in the field of construction materials and building.

This catalogue holds 144 other CECS standards in that field.

In this catalogue, CECS standards carry edition years from 1988 to 2016.

3 About this standard

Issued by: China Association for Engineering Construction Standardization

English translation: about 25 pages

Chinese original: about 37,364 characters

4 Related standards

Standards on related subjects:

GB 50144-2019 - Standard for appraisal of reliability of industrial buildings and structures

GB/T 50046-2018 - Standard for anticorrosion design of industrial constructions

SN/T 4233-2015 - Requirements for construction of designated quarantine facilities for imported cattle and sheep(or goats)

CECS 302-2011 - Technical specification for application of external partition wall-panel of

Preview: page 3 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-299-2011

rural residence

CECS 301-2011 - Technical specification for application of inner wall panel of rural residence

CECS 298-2011 - Technical specification for application of concrete tiles of rural residence

5 Classification and status

International classification (ICS): 91.060.20

Chinese Standard Classification (CCS): P 35

Prefix CECS: association standard of the engineering construction sector, adopted voluntarily.

Preview: page 4 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-299-2011