



Arie Wardhono . <ariewardhono@unesa.ac.id>

[ABS-75] Abstract Submitted to AASEC 2017

1 message

AASEC 2017 <aasec@upi.edu>
Reply-To: AASEC 2017 <aasec@upi.edu>
To: ariewardhono@unesa.ac.id

Wed, May 31, 2017 at 4:55 AM

Dear Dr. Arie Wardhono,

We have received the submission of your abstract:

Abstract ID:
ABS-75Title:
Comparison Study of Class F and Class C Fly Ashes as Cement Replacement Material on Strength Development of Non-Cement Mortar Cured at Room TemperatureAuthors:
Arie WardhonoInstitutions:
Universitas Negeri SurabayaContent:
Cement is the most widely used material for construction. However, the cement production has a negative impact on the environment, as it is one of the contributors to global warming. The production of one ton of cement also produces approximately one ton of CO₂. This encourages to the search for more environmentally friendly materials as cement replacement.

This aim of this study is to compare two types of fly ashes, i.e. class F (high silicate and low calcium content) and class C (low silicate and high calcium content) fly ashes, as primary material on non-cement mortar. The compressive strength test was performed at the age of 7, 14, and 28 days according to ASTM standard. Mortar specimens are cured at room temperature conditions.

The results showed that class C fly ash non-cement (CC-NC2) mortar showed higher compressive strength compared to class F fly ash non-cement (CF-NC1) mortar. The CC-NC2 mortars are also showed a comparable strength compared to normal mortar strength at 28 days. This might due to the high calcium (Ca) content on class C fly ash which contribute to the additional hydration reaction on strength development.

Keywords:
Class F fly ash; Class C fly ash; Strength development; Non-cement mortar; Room temperatureTopic:
Civil Engineering (EN-03)Presenter:
Arie Wardhono

The Letter of Acceptance (LoA) can be downloaded from your account, once your abstract is accepted to be presented.

Thank you.

Best Regards,
AASEC 2017 Organizing Committee
Website: <http://aasec.conference.upi.edu/2017/kfz>
Email: aasec@upi.edu-----
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Arie Wardhono . <ariewardhono@unesa.ac.id>

Abstract Acceptance Announcement

1 message

Annual Applied Science Engineering Conference <aasec@upi.edu>
To: Annual Applied Science Engineering Conference <aasec@upi.edu>
Bcc: ariewardhono@unesa.ac.id

Thu, Jul 6, 2017 at 11:49 AM

Dear AASEC authors,

The abstract acceptance of AASEC 2017 has been announced. You can access it through your personal account of the conference. After logging in, you can click the "abstract" menu to check whether your abstract is accepted or not. We look forward to having your full paper.

Thank you.

Best regard,

AASEC Committee



Arie Wardhono . <ariewardhono@unesa.ac.id>

[ABS-75 FULL_PAPER] File Submitted to AASEC 2017

1 message

AASEC 2017 <aasec@upi.edu>
Reply-To: AASEC 2017 <aasec@upi.edu>
To: ariewardhono@unesa.ac.id

Tue, Jul 25, 2017 at 11:18 AM

Dear Dr. Arie Wardhono,

We have received the submission of your file:

Abstract ID:
ABS-75Title:
Comparison Study of Class F and Class C Fly Ashes as Cement Replacement Material on Strength Development of Non-Cement MortarAuthors:
Arie WardhonoType:
full_paperTopic:
Civil Engineering (EN-03)Presenter:
Arie Wardhono

Thank you very much.

Best Regards,
AASEC 2017 Organizing Committee
Website: <http://aasec.conference.upi.edu/2017/kfz>
Email: aasec@upi.edu-----
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Arie Wardhono . <ariewardhono@unesa.ac.id>

AASEC 2017: Paper Review Result

1 message

Annual Applied Science Engineering Conference <aasec@upi.edu>
To: Annual Applied Science Engineering Conference <aasec@upi.edu>
Bcc: ariewardhono@unesa.ac.id

Sat, Aug 12, 2017 at 3:34 PM

Dear Authors

Please check result of review paper in your account.

Best regards

AASEC Committee



Arie Wardhono . <ariewardhono@unesa.ac.id>

AASEC 2017 : Payment Proof for Abstract ABS-75

1 message

AASEC 2017 <aasec@upi.edu>
Reply-To: AASEC 2017 <aasec@upi.edu>
To: ariewardhono@unesa.ac.id

Tue, Aug 22, 2017 at 8:14 AM

Dear Dr. Arie Wardhono,

Payment proof for the following abstract has been confirmed.

Abstract ID: ABS-75

Title: Comparison Study of Class F and Class C Fly Ashes as Cement Replacement Material on Strength Development of Non-Cement Mortar

Author: Arie Wardhono

Presenter: Arie Wardhono

Paid amount: IDR 2500000

Thank you.

Best regards,

AASEC 2017 Organizing Committee

Homepage : <http://aasec.conference.upi.edu/2017/kfz>

Email : aasec@upi.edu

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Arie Wardhono . <ariewardhono@unesa.ac.id>

Proceedings of AASEC 2017 has been published

1 message

Annual Applied Science Engineering Conference <aasec@upi.edu>
Bcc: ariewardhono@unesa.ac.id

Sat, Jan 27, 2018 at 2:08 PM

Dear Author(s),

The website for the proceedings of AASEC 2017 is ready now.
It can be found here:

<http://iopscience.iop.org/issue/1757-899X/288/1>

Thank you for participating, see you again in the 3rd AASEC 2018,

Kind Regards,

Dr. Eng. Asep Bayu Dani Nandiyanto, S.T., M.Eng.
(Conference Chair)



Arie Wardhono . <ariewardhono@unesa.ac.id>

Proceedings of The 2nd Annual Applied Science and Engineering Conference (AASEC 2017) now available online

1 message

IOP Conference Series team <mse@iop.org>

Tue, Feb 20, 2018 at 2:05 PM

Reply-To: MSE <mse@iop.org>

To: ariewardhono@unesa.ac.id

Thank you for contributing your article

Visit iopscience.org/mse | [View this email online](#) | [Unsubscribe](#)



Proceedings of Mathematics, Informatics, Science and Education International Conference (MISEIC).

Thank you for publishing your paper 'The Effect of Sodium Hydroxide Molarity on Strength Development of Non-Cement Class C Fly Ash Geopolymer Mortar' in the *IOP Conference Series: Materials Science and Engineering*TM.

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Thank you, and we hope to work with you again soon.

Anete Ashton, Conference Commissioning Editor
IOP Conference Series: Materials Science and Engineering
mse@iop.org

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