



# Building and Infrastructure Division

SOCIETY OF  
PLASTICS ENGINEERS

**Dear Division Members:**

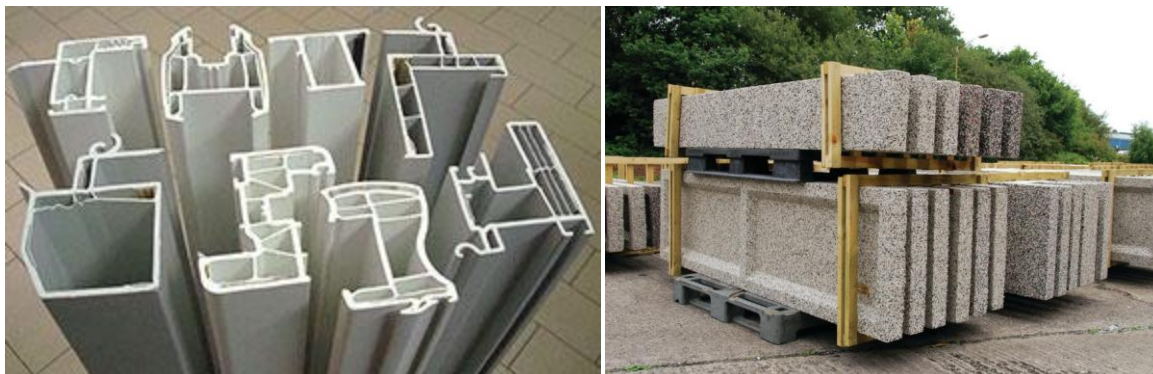


Greetings to all Division members. Temperatures are still holding up in October and weather is still great. Looking forward for fall colors in South.

Here in our group, we have started preparation for ANTEC 2018. As you all know next ANTEC will be held in Orlando along with NPE. It's an exciting event as many people all around the world from plastics industry will join both events. This gives a great chance to share your work there. A lot of developments is happening in building and infrastructure area and we are hoping to bring them to everybody through ANTEC platform. We would love your help in continuing learning new technologies related to our industries. One of our aims is to increase participation from our members. We encourage you to take advantage of various ways to connect with others in Building and Infrastructure field, such as through the SPE Building and Infrastructure Division website and LinkedIn group. From our next newsletter, we will be starting an article series either provided by specific company, division member or a board member. I encourage everybody to take an advantage of this new initiative. Please reach out to either Mahesh or myself for details. Hope to see your participation in ANTEC!!

**Chair:**  
**Abhishek Ambekar**

## Our Mission:



The mission of the Division is “To provide a unified forum for promoting open exchange of scientific and engineering knowledge related to applications of plastics materials in building and infrastructure. These activities are designed to provide a forum for a better understanding of recent advancements through exchange of ideas and information related to latest application and use of plastics in infrastructures in residential and commercial area.”

Areas of interest include topics such as roofing, flooring, insulation, processing, structure-property relationships, product design and development, application development, modeling, regulations and compliance and life-cycle analyses. To achieve its objectives, the Division collaborates closely with other interested technical divisions of SPE and organizations to coordinate dissemination of knowledge and understanding of plastics through appropriate channels.

### 2017 ANTEC Recap

The division of Building and Infrastructure formerly known as Plastics in Buildings and Construction (B&C) SIG held their ANTEC technical session on May 09, Tuesday afternoon. Four speakers addressed diverse topics within the Building & Construction field such as polyolefin elastomers, polypropylene fibers, flame retardant for acrylics and polystyrene-carbon nano tube based nanocomposite foams utilized in different aspects of building in constructions. We had overall a great attendance for all papers. Please let us know if you would like to add specific topics in agenda for future ANTECs.

## From Membership Chair

Please note that Plastics in Buildings and Construction (B&C) Special Interest Group (SIG) is now converted into Plastics in Building and Infrastructure (B&I) division. There are some changes regarding membership we should be aware of as we move from SIG to division. When you renew your membership you can enroll for any number of SIGs for free, however, you can enroll for only two divisions for free. For additional enrollment you need to pay \$10 for each division. If you are a member of Plastics in B&C SIG, you have following options to be a member of Plastics in B & I division,

- 1) Pay \$10 to get division membership
- 2) Call SPE to choose Plastics in B&I division as a free division, in order to do that one has to give up free membership of other division

Any of above option can be chosen at any point of time, you don't have to wait till membership renewal time. Plastics in B&C SIG had around 800 members and newly form B & I division has only few members as most of us are not aware of this change regarding membership.

If you have any question on membership, feel free to get in touch with membership chair, Manoj Nerkar at [mnerkar@dow.com](mailto:mnerkar@dow.com).



## Call for Papers

*Want to share **your** knowledge with a global audience?*

**Building & Infrastructure Division** welcomes papers for the upcoming ANTEC® 2018 conference. Topics may include:

- |                                     |                     |
|-------------------------------------|---------------------|
| Innovation in Building Materials    | Life Cycle Analysis |
| Energy Efficiency Technologies      | Durability          |
| Fire Retardant Technologies         | Polymer Modifiers   |
| Emergency Regulatory Issues         | Adhesives           |
| Green Building Trends               | Civil Engineering   |
| Environmental Aging and Degradation |                     |

**Paper Deadline: December 15, 2017 - 11:59 p.m. EST**

[Create a Submission](#)

[Questions?](#)

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*Plastics B & C SIG is a Building and Infrastructure Division and it is available now to only SPE members. We are always looking for new Board members to help with planning and execution of various division activities such as ANTEC® sessions, fundraising and community events. The division Board meets face-to-face at ANTEC® every year, and by monthly teleconference. As an incoming member, we ask for a two-year commitment from you and your employer. In return, we provide good networking opportunities and a word of appreciation for your company in one of our newsletters. If you are interested in joining us, please contact **Abhishek Ambekar** at [abhishek.ambekar@solvey.com](mailto:abhishek.ambekar@solvey.com) or **Mark Barger** at [mabarger@dow.com](mailto:mabarger@dow.com)*