ASA CATALOG OF SERVICES AND PRODUCTS

- Who We Are
- Membership
- Education & Certification
- Onsite Learning Seminars (AIA CES provider)
- Outstanding Shotcrete Project Awards
- Shotcrete magazine
- ASA Buyers Guide
- Products

www.shotcrete.org
(248) 848-3780
info@shotcrete.org
38800 Country Club Drive
Farmington Hills, MI 48331

Did you know ASA is on Facebook?
www.facebook.com/AmericanShotcreteAssociation
“like” us on Facebook today!
At a time when more and more companies are demanding effective use of their dollars, more and more companies in the shotcrete industry are realizing the benefits of becoming an ASA Corporate Member.

Become an ASA CORPORATE MEMBER and...

Grow your business

- NETWORK with your peers in the shotcrete industry
- STAY CURRENT on the latest shotcrete industry trends, strategies, challenges, and opportunities
- Receive PROJECT LEADS through project bid alerts and project listings
- Gain EXPOSURE through a variety of tools available to corporate members, such as listing in the ASA Buyers Guide
- INFLUENCE ASA’s direction in serving members and growing the industry
- SAVE significantly on ASA products and services

Grow your industry

- EDUCATE the construction world on the advantages of the shotcrete process through Onsite Learning Seminars to engineers and specifiers
- PROMOTE the benefits of shotcrete at national trade shows
- COORDINATE proper specification of shotcrete in private and public specifications and national codes and standards
- ENGAGE DOT and other Public Authority officials with a variety of ASA resources and outreach efforts
- Take advantage of TARGETED MARKETING in national and regional organizations and publications
- ENABLE owners and specifiers to embrace shotcrete with a portfolio of tools designed to give them an understanding of and confidence in the shotcrete process

Take the step that will help grow your organization and industry—become an ASA Corporate Member today.

For more information on ASA membership, visit www.Shotcrete.org/Membership.
Who We Are

The American Shotcrete Association (ASA), formed in March 1998, is a nonprofit organization of contractors, manufacturers, engineers, owners, and others with a common interest in promoting the use of shotcrete. The purpose of the organization, as stated in its bylaws, is as follows:

- Educate the construction community as to the benefits of the use of shotcrete;
- Encourage and promote the use of shotcrete by providing useful and accurate information to the concrete specifying and purchasing communities;
- Support and promote the education and training of those in the shotcrete industry and the proper methods, materials, and techniques to obtain high-quality shotcrete; and
- Strive to maintain the highest standards of ethics and conduct for the members of the association.

The ASA Committee Meetings are held three times per year in the Spring, Fall, and in conjunction with World of Concrete, of which ASA is a cosponsor. Committee meetings are open to the public and ASA welcomes and encourages the participation of all interested parties in the shotcrete industry.

The Association’s many standing committees and corresponding missions include:

**CONTRACTOR QUALIFICATION COMMITTEE**
Mission Statement: To develop and maintain ASA’s Contractor Qualification Program

**EDUCATION COMMITTEE**
Mission Statement: To provide shotcrete education, training, and certification.

**MARKETING COMMITTEE**
Mission Statement: To ensure that shotcrete has its “market share” in concrete construction.

**MEMBERSHIP COMMITTEE**
Mission Statement: To broaden and engage the ASA membership base.

**POOL & RECREATIONAL SHOTCRETE COMMITTEE**
Mission Statement: To educate and promote the proper use and application of shotcrete to the swimming pool and recreational shotcrete industry.

**PUBLICATIONS COMMITTEE**
Mission Statement: To oversee the publication format and publication content for the promotion of association activities.

**SAFETY COMMITTEE**
Mission Statement: To explore and communicate safety issues within the shotcrete industry.

**TECHNICAL COMMITTEE**
Mission Statement: To oversee the technical activities of ASA, including the review and evaluation of technical presentations, publications, and handouts, and the appraisal of research projects under consideration for ASA sponsorship.

**UNDERGROUND COMMITTEE**
Mission Statement: To educate and promote the use and proper application of shotcrete to the underground construction and mining industries.
ASA Membership Benefits

Membership supports the mission of ASA to provide knowledge, resources, qualification, certification, education, and leadership to increase the acceptance, quality, and safe practices of the shotcrete process.

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*Members outside North America will only receive electronic copies
**Further education for in-house, specifiers, or government agencies (1-2 hours)
Education & Certification

ACI Shotcrete Nozzleman Certification Program

Owners, engineers, and architects need a way to ensure that the quality of shotcrete placed on their projects meets with their design specifications. Because shotcrete can be affected by the skill of the nozzleman, certain basic requirements need to be demonstrated.

The American Concrete Institute (ACI) established the Shotcrete Nozzleman Certification program to establish a basic skill level of shotcrete nozzling. A design professional can require the use of ACI Shotcrete Nozzleman Certification in their specifications as one part of their overall contractor qualification. New to the program is the Nozzleman-in-Training (NIT) designation for beginning nozzlemen. Use of certification in concert with a comprehensive program to qualify contractors gives the designer heightened confidence in the finished shotcrete product.

Education, testing, and certification are provided by sponsoring groups authorized by ACI. ASA is the primary sponsoring group for both Education and Testing sessions. ACI issues the shotcrete nozzleman credentials.

For program descriptions and details on how to arrange for an education and/or certification session, visit:

www.Shotcrete.org/education

or

www.ACICertification.org
FREE Onsite Shotcrete Learning Seminars

Learn more about the shotcrete process—
for Architects, Engineers, Owners, and Specifiers

The shotcrete process offers numerous quality, efficiency, and sustainability advantages, but proper knowledge of the process is critical to the creation of a quality specification and for the success of any specifier/owner employing the process.

- Introduction to the Shotcrete
- Shotcrete for Underground Applications

ASA is a registered AIA/CES provider.

ASA Onsite Learning Seminars are FREE to the host organization for five or more architects, engineers, or specifiers. If you work with firms that specify or might potentially specify shotcrete and would like them to become better informed about its benefits and proper use, please let them know about this opportunity to learn!

Arrange for an ASA Onsite Learning Seminar today!
info@shotcrete.org or 248-848-3780
Outstanding Shotcrete Project Awards

Pursuing an ASA Outstanding Shotcrete Project Award is not only a smart move for your organization but also good for the shotcrete industry. The ASA Awards program offers your organization a unique and unmatched amount of exposure. In addition, the awards program and the annual awards issue of Shotcrete magazine are very important tools used to inform and educate the construction world about the versatility and benefits of the shotcrete method of placing concrete.

For more information and to view articles on past award winners, visit: www.Shotcrete.org/ASAOutstandingProjects

Categories

Six categories were chosen to ensure that all areas of the shotcrete industry have the opportunity to be nominated for an award. These categories are:

- Architecture | New Construction
- Infrastructure
- International Projects
- Pool & Recreational
- Rehabilitation & Repair
- Underground

GRAB YOUR CAMERA

Working on an interesting shotcrete project? Proud of the work you shoot? TAKE A PICTURE!

Take several! From beginning to end, photos add a lot to the story. If you have high-quality/print-resolution photos to support the work you do, enter your project for ASA's Outstanding Shotcrete Project Awards Program. So start taking pictures today!
Shotcrete magazine

Shotcrete, the quarterly publication of ASA, is the leading magazine of the global shotcrete industry.

Combined readership of the printed and electronic versions is over 17,000 and reaches designers, specifiers, and purchasers of shotcrete in 100+ countries. This full-color, award-winning magazine features:

- Case studies
- Technical articles
- News of the shotcrete industry
- New product information
- A host of other features

Shotcrete magazine is also sent to all subscribers in an electronic format.

Shotcrete magazine is designed to educate and promote the use of shotcrete as a method of placing concrete. For a complimentary subscription to Shotcrete, access article archives, or to find out about advertising opportunities, call (248) 848-3780 or visit www.Shotcrete.org.

ASA Buyers Guide

The ASA Buyers Guide is available free at www.Shotcrete.org/BuyersGuide.

The ASA Buyers Guide provides an important tool for companies and individuals with shotcrete needs to reach the companies who could serve them. Companies who continually prove their commitment to the shotcrete process by supporting ASA through corporate membership have the opportunity to be listed in the ASA Buyers Guide.

This service receives over 5000 searches a year and enables users to search for companies based on products and/or services related to shotcrete across seven main categories:

- Admixtures
- Cement & Pozzolanic Materials
- Consulting
- Contractors
- Equipment
- Fibers
- Shotcrete Materials/Mixtures

Searches can be further refined using over 100 subcategories and geographic criteria.
Do you need a Shotcrete Contractor or Consultant for a Specific Project?

SUBMIT YOUR PROJECT FOR A BID REQUEST

Quality concrete placement via shotcrete by a knowledgeable and experienced shotcrete contractor with a commitment to quality is a critical factor in a successful shotcrete project. The American Shotcrete Association has created a free online tool to allow owners and specifiers the opportunity to distribute their bid request to all ASA Corporate Members in one easy form!

ASA Corporate Members have the skill, knowledge, and experience that uniquely qualify them to fully offer the exceptional benefits of the shotcrete process.

Submit your project for a bid request from ASA’s outstanding Corporate Members today:

www.Shotcrete.org/ProjectBidRequest
Products

Shotcrete: A Compilation of Papers

This 424-page hardcover book, Shotcrete: A Compilation of Papers, is a collection of the most important papers concerning shotcrete by Dudley R. “Rusty” Morgan, PhD, PEng, FACI, FCAE.

Topics in the book include:
- Shotcrete Research and Development
- Fiber-Reinforced Shotcrete
- Infrastructure Rehabilitation with Shotcrete
- Supplementary Shotcrete Publications
- Freezing-and-Thawing Durability of Shotcrete
- Shotcrete for Ground and Underground Support

Order Code: SCP
ASA Members: $50.00  Nonmembers: $85.00

Shotcrete Brochures

Streamlined and targeted to specific markets, ASA has developed a series of affordable four-page promotional brochures to help you promote shotcrete! All brochures include basic introduction to shotcrete information and have market-specific images.

Brochures are sold in bundles of 25.

Per bundle:
ASA Members: $8.00  Nonmembers: $15.00

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<td>Ground Support</td>
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<td>SBGS</td>
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<td>New Structures</td>
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<td>Pools, Water Features, and Skateparks</td>
<td>Pools, skateparks, landscaping water features</td>
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<td>Repair and Rehabilitation</td>
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<td>SBRR</td>
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<td>Sampler Pack</td>
<td>Five (5) copies of each market segment</td>
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Annual Nozzleman Compilation
ASA 2017

This black and white soft-cover book is a compilation of previously published articles of distinct interest to our shotcrete craftsmen from ASA's Shotcrete magazine, published annually.

Order Code: ANC17
ASA Members: $9.00  Nonmembers: $14.00
Announcing ASA’s
CONTRACTOR QUALIFICATION PROGRAM!

The American Shotcrete Association (ASA), leader in informing and educating the construction industry on quality, economical, and durable shotcrete placement for a wide variety of concrete applications, introduces a program to help specifiers and project owners identify Shotcrete Contractors with the appropriate qualifications for shotcrete applications of varying complexity.

With qualifications in either Basic or Advanced shotcrete work categories, both Contractors and Owners benefit from having the ASA Contractor’s Qualification Committee review company work histories, verify experience on referenced projects, and confirm shotcrete crew experience to better match Contractor experience to the project requirements. Experienced Shotcrete Contractors are encouraged to submit their applications for the Contractor Qualification Program. Specifiers are encouraged to require an ASA-qualified contractor for their projects, selecting the appropriate level of qualification based on the difficulty of application.

Contact ASA for more information:
(248) 848-3780 or info@shotcrete.org
CCS-4(08): Shotcrete for the Craftsman

This 85-page publication describes and illustrates how to properly produce quality shotcrete. Beginning with an explanation of what shotcrete is, chapters cover equipment, materials, environmental conditions, inspection and surface preparation, placement principles and techniques, finishing and tolerances, safety, and testing.

Available in English and Spanish:

- **English version Order Code: CCS408**  
  ASA Members: $18.00  
  Nonmembers: $30.00

- **Spanish version Order Code: CCS408S**  
  ASA Members: $18.00  
  Nonmembers: $30.00

CP-60(15): Craftsman Workbook for ACI Certification of Shotcrete Nozzlemen

This 124-page workbook contains information about the ACI Shotcrete Nozzleman Certification program as well as the resources referenced by the certification examination. Includes a full reprint of ACI CCS-4 along with excerpts from the ACI Nozzleman Certification policy.

**Contents:** Program Information, Resource Materials, Study Questions, and Checklists

PLEASE NOTE: The technical content in this workbook is identical to that contained in the previous version, CP-60(09). For the purposes of studying for the ACI Certification examination, these books are interchangeable.

Available in English and Spanish:

- **English version Order Code: CP60**  
  ASA Members: $60.00  
  Nonmembers: $85.00

- **Spanish version Order Code: CP60S**  
  ASA Members: $60.00  
  Nonmembers: $85.00

Guide to Shotcrete — ACI 506R-16

This guide is a companion document to ACI 506.2-13, “Specification for Shotcrete,” and provides information on materials and properties of both dry-mix and wet-mix shotcrete. Most facets of the shotcrete process are covered, including application procedures, equipment requirements, and responsibilities of the shotcrete crew. Other aspects, such as preconstruction trials, craftsman qualification tests, materials tests, finished shotcrete acceptance tests, and equipment, are also discussed. 2016. 52 pp. Prepared by ACI Technical Committee 506.

**Order Code: 506R16**  
ASA Members: $49.00  
Nonmembers: $80.00

Shotcrete Package discount — ACI 506R-16 and ACI 506.2-13:

- **Order Code: 506PACK**  
  ASA Members: $59.00  
  Nonmembers: $100.00
Guide to Fiber-Reinforced Shotcrete — ACI 506.1R-08

This guide describes the technology and applications of fiber-reinforced shotcrete (FRS) using synthetic and steel fibers. Mechanical properties, particularly toughness, impact, and flexural strength, are improved by fiber addition. These improvements are described, along with other typical properties and benefits, such as control of shrinkage cracking. Proportions of typical mixtures, batching, mixing, and application procedures are described, including methods of reducing rebound and equipment used to apply FRS. Applications of FRS are described, including rock-slope stabilization work, construction and repair of tunnel and mining linings, fire explosive spalling-resistant linings, channel linings, pools and rockscapes, and structure repair. Available design information is briefly discussed, and design references are listed. 2008. 12 pp. Prepared by ACI Technical Committee 506.

Order Code: 506108  ASA Members: $26.00  Nonmembers: $43.00

Specification for Shotcrete — ACI 506.2-13

This specification, which is written in the three-part CSI format, covers materials, proportioning, and the application of shotcrete. 2013. 12 pp. Prepared by ACI Technical Committee 506.

Order Code: 506213  ASA Members: $30.00  Nonmembers: $50.00


This document serves as a guide for engineers, inspectors, contractors, and others involved in accepting, rejecting, or evaluating in-place dry- or wet-mix shotcrete. 1994 (Reapproved 2004). 12 pp. Prepared by ACI Technical Committee 506.

Order Code: 506494  ASA Members: $17.00  Nonmembers: $33.00

Guide for Specifying Underground Shotcrete — ACI 506.5R-09

This document provides a guide for owners, contractors, designers, and testing, specifying, and inspection organizations engaged in the application of shotcrete for underground support. The guide provides general information for the selection of constituent materials and methods to proportion shotcrete. Typical methods of batching, mixing, and handling of proportioned shotcrete materials are detailed along with shotcrete placement methods and equipment. 2009. 52 pp. Prepared by ACI Technical Committee 506.

Order Code: 506509  ASA Members: $47.00  Nonmembers: $80.00
Sustainability Brochure

Sustainability continues to grow as a driving force in the decision-making of owners and specifiers regarding construction materials and placement strategies. “Sustainability of Shotcrete” is a timely and valuable resource to promote the shotcrete process and educate potential clients and owners. The document can also be submitted with project bids to identify and substantiate the sustainability advantages of the shotcrete process.

The brochure’s content was originally developed by the ASA Sustainability Committee for use in the United States Green Concrete Council (USGCC) book titled The Sustainable Concrete Guide—Applications. The full book can be ordered from www.concrete.org.

Order Code: SUSTAIN  ASA Members: $5.00  Nonmembers: $7.00
The brochure is also sold in bundles of 10
ASA Members: $40.00  Nonmembers: $55.00
The brochure is also sold in bundles of 25
ASA Members: $70.00  Nonmembers: $100.00

Safety Guidelines for Shotcrete

"Safety Guidelines for Shotcrete" is intended as a guide to encourage personal safety considerations, but not to replace training and education programs or supervision by qualified individuals. Each shotcrete contractor has a responsibility to develop, maintain, and administer a company safety program appropriate for their operations.

Chapter topics in this document include:
• Personal Protective Equipment
• Communications
• Shotcrete Placement:
  Wet- and Dry-Mix Processes
• Lighting
• Back & Spine Safety
• Shotcrete Materials
• Shotcrete Equipment

This document is available in two formats:
Soft-cover, 20 pages, full color, staple-bound.

Order Code: SGS  ASA Members: $25.00  Nonmembers: $100.00
Copy-protected PDF, viewable using only Adobe Reader or Acrobat software on up to three different desktop and laptop computers only. Files must be opened with the Adobe Reader or Adobe Acrobat program—other third-party applications are not supported. The document is not compatible with tablet computers or mobile devices at this time. Access code e-mailed within 3 business days of receiving order.

Order Code: SGSP  ASA Members: $25.00  Nonmembers: $100.00

Manual para el diseño y aplicación del concreto lanzado — 2da. Edicion

“Manual for the design and application of shotcrete”—currently available in Spanish only. This 507-page soft-cover manual speaks primarily to wet-mix shotcrete and spans the process from mixture to placement. Further details can be found in our online bookstore: www.shotcrete.org/BookstoreNet.

Order Code: ManualS2  ASA Members: $60.00  Nonmembers: $90.00
Ships only to United States and Canada.
Orders can be placed online at www.Shotcrete.org/BookstoreNet/ or you can complete this form and mail or fax it directly to ASA at the address or fax number listed below.

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If you are paying via check, please mail form with payment to: American Shotcrete Association 38800 Country Club Dr Farmington Hills, MI 48331

If you are paying via credit card, please FAX form to 248-848-3740.

Thank You For Your Order!

### ASA Baseball Cap

Khaki-colored baseball caps. Features a black and green embroidered ASA logo. One size fits all.

**Order Code: CAP**
ASA Members: $9.00 Nonmembers: $14.00

### ASA Hard Hat Sticker

2-1/2 x 1-3/4 in. Reflective.

**Order Code: STICKER**
ASA Members: $1.00 Nonmembers: $1.50
BEFORE YOU POUR CONCRETE, LEARN MORE ABOUT SHOTCRETE.

Leading professionals choose shotcrete over cast-in-place concrete because of its many benefits:

- **Savings** in labor, material handling and time
- **Versatility**, little or no forming allows you to create complex shapes
- **Sustainability** so you can feel even better about your choice

**Before you pour, learn more at www.shotcrete.org**